This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

+ *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.

+ *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.

+ *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.

+ *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at `http://books.google.com/`

Harvard College Library

FROM THE

UNITED STATES GOVERNMENT

[redacted] Google

PUBLICATIONS

OF THE

UNITED STATES NAVAL OBSERVATORY.

SECOND SERIES.

VOLUME VII.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1911.

Sci 520.102

SUPERINTENDENT.

Commodore T. E. De Witt Veeder, U. S. N. (Retired).

ASTRONOMICAL DEPARTMENT.

William S. Eichelberger	*Professor of Mathematics, U. S. N.*
Frank B. Littell	*Professor of Mathematics, U. S. N.*
Asaph Hall	*Professor of Mathematics, U. S. N.*
George A. Hill	*Assistant Astronomer.*
John C. Hammond	*Assistant Astronomer.*
Herbert R. Morgan	*Assistant Astronomer.*
George H. Peters	*Assistant.*
Matt Frederickson	*Assistant.*
Edgar D. Tillyer	*Assistant.*
Eleanor A. Lamson	*Assistant.*
James B. Eppes	*Assistant.*
Harry E. Burton	*Assistant.*
George E. Parks	*Assistant.*
David Rines	*Assistant.*
Etta M. Eaton	*Miscellaneous Computer.*
Jesse Pawling	*Miscellaneous Computer.*
Forrest F. Harbour	*Miscellaneous Computer.*
Romeyn A. Spare	*Miscellaneous Computer.*

TABLE OF CONTENTS.

Page.
INTRODUCTION VII
  The Instruments VII
  The Reduction of 119 Unpublished Zones IX
  The Formation of the Catalogue XII
  The Accuracy of a Catalogue Position XVII
  The Printed Pages XVIII
  The Reduction Tables XX
THE CATALOGUE 1

CATALOGUE OF 23521 STARS

BETWEEN 13° 35′ AND 45° 25′ SOUTH DECLINATION

FOR THE EQUINOX

1850.

FROM ZONE OBSERVATIONS MADE AT
THE UNITED STATES NAVAL OBSERVATORY,
1846-1852.

COMPILED BY

W. S. EICHELBERGER AND F. B. LITTELL.

INTRODUCTION.

The observations from which the positions of this catalogue are derived were commenced on April 3, 1846, and were concluded on November 10, 1852. The times of transit of all observations made before 1850 were observed eye and ear, while those of observations made after that time were recorded on the chronograph.

The general plan of observing is described in a letter[1] of July 28, 1846, from Lieutenant M. F. MAURY, U. S. Navy, Superintendent of the Observatory, to Honorable GEORGE BANCROFT, Secretary of the Navy. The following extracts are from that letter:

> The time which is not occupied in the round with them [observations upon the Sun, Moon, Planets, the largest of the fixed Stars, and "Moon Culminators"] has, with your approval, been devoted to cataloguing; to this end a regular and systematic exploration of the whole heavens from 45° South has been commenced, with the intention of penetrating with the Telescopes every point of space from that parallel of Declination up to the North Pole, and of assigning position to every star, down to the 10th magnitude, that shall pass through the field of view . . . . .
>
> The three Meridian Instruments, viz: the Transit, the Mural and the Meridian Circles, are used for this work; the Transit, without interfering with its capacity for R. A. has by a simple arrangement been converted into a differential instrument for Declination also. The arrangement for this purpose consists merely in giving its Micrometer diaphragm a movement in altitude instead of azimuth, in providing a support (used only when the instrument is set for cataloguing) to confine it in one position, and in attaching a level near the object end, and away from the influence of the observer's person, the bubble of which level, when the instrument is set and clamped is brought amidships and read frequently during the night, so that the slightest alteration of the instrument is detected.
>
> The Mural is then set on the sweep contiguous to this, with 10′ in the upper or lower edge of its field, embraced in the opposite part of the field of the Transit . . .

When observing was discontinued in 1852, a mass of material had been collected such that, with the force available there seemed to be little prospect of furnishing the results for the use of the astronomical world in the near future. At that time the observers had worked their way north from about 45° to about 10° south declination. A part of this region was covered repeatedly, a large part but once, and much of it not at all.

The total number of observations that have been discussed in the formation of this catalogue is about 44,900.

THE INSTRUMENTS.

As a full description of the three instruments used in making the observations may be found in the Washington Astronomical Observations for 1845 and 1846, the following brief accounts only are given here.

The meridian circle.—The object-glass of this instrument has an aperture of 4.5 inches and a focal length of 58 inches. The circles are 30 inches in diameter.

---

[1] *Washington Astronomical Observations, 1845, Appendix,* page (39).

During the years 1846–49 the fixed diaphragm contained eleven transit threads. The equatorial interval from one thread to the next was about 11^s, except that the interval from the second to the third and from the ninth to the tenth was about $16^s.5$. The movable zenith distance diaphragm carried seven horizontal wires at intervals of approximately ten, fifteen, ten, ten, fifteen, and ten revolutions of the micrometer screw. The value of one revolution of the micrometer screw was 34″.5, and the micrometer head was divided into one hundred parts.

During the years 1851–52 the fixed diaphragm contained five sets of five transit threads each. The equatorial interval from the middle thread of one set to the middle thread of the next was about 28^s, while the equatorial interval between consecutive threads of a set varied from 2^s to $3^s.5$. The movable zenith distance diaphragm carried eleven horizontal wires at intervals of approximately ten, five, five, ten, five, five, ten, five, five, and ten revolutions of the micrometer screw. The value of one revolution of the micrometer screw was 34″.3, and the micrometer head was divided into one hundred parts.

Of the 252 zones observed with this instrument, the results of zones 1–80 were published as Zones of Stars observed at The National Observatory, Washington, Vol. I—Part I, Washington, 1860, and the results of zones 81–186 were published as Appendix I, Washington Observations for 1871. Zones 187–227, observed in 1847–48, and zones 228–252, observed in 1851–52, have been reduced under the direction of Professor LITTELL.

The mural circle.—The object-glass of this instrument has an aperture of 4 inches and a focal length of 5 feet. The circle is 5 feet in diameter.

During the years 1846–49, the fixed diaphragm contained seven transit threads. The equatorial interval from one thread to the next was approximately $15^s.4$, and the movable zenith distance diaphragm carried five horizontal wires at intervals of approximately five, fifteen, fifteen, and five revolutions of the micrometer screw. In May, 1849, these intervals were changed to five, ten, ten, and five. The value of one revolution of the micrometer screw was 62″.8, and the micrometer head was divided into one hundred parts.

During 1851, the fixed diaphragm contained five sets of five transit threads each. The equatorial interval from the middle thread of one set to the middle thread of the next was about 27^s, while the equatorial interval between consecutive threads of a set varied from 2^s to 3^s. The movable zenith distance diaphragm carried five horizontal wires at intervals of approximately five, ten, ten, and five revolutions of the micrometer screw. The value of one revolution of the micrometer screw was 62″.8, and the micrometer head was divided into one hundred parts.

Of the 282 zones observed with this instrument, the results of zones 1–268 were published as Appendix II, Washington Observations for 1869. Zones 269–282, observed in 1851, have been reduced under the direction of Professor LITTELL.

The transit instrument.—The object-glass of this instrument has an aperture of 5.3 inches and a focal length of 85 inches.

During the years 1846–49 the fixed diaphragm contained seven transit threads. The equatorial interval from one thread to the next was approximately $12^s.5$. In order to adapt the instrument to declination work, its movable diaphragm was turned 90°

and fitted with a system of ten horizontal wires distant each from the next approximately ten revolutions of the micrometer screw, except that the distance between the fifth and sixth wires was eight revolutions. The value of one revolution of the micrometer screw was $30''.2$, and the micrometer head was divided into sixty parts, so that the recorded fractions of a revolution are not hundredths but sixtieths.

During the years 1851–52 the fixed diaphragm contained five sets of five transit threads each. In addition, for the determination of declinations, in 1851 there were seven sets of five threads each, inclined at an angle of 45°, and in 1852 there were nine such sets. During the first period the equatorial interval from the middle thread of one set to the middle thread of the next was about 30^s, while the equatorial interval between consecutive threads of a set varied from 2^s to 3^s. During the second period, the equatorial interval from the middle thread of one set to the middle thread of the next was about $22^s.5$, while the equatorial interval between consecutive threads of a set varied from 1^s to 5^s.

Of the 284 zones observed with this instrument, the results of zones 1–245 were published as Appendix IV, Washington Observations for 1870. Zones 246–284, observed in 1851–52, have been reduced under the direction of Professor LITTELL.

The methods used in making the observations in these zones and in reducing them are found in the introductions of the four volumes of published zones.

THE REDUCTION OF 119 UNPUBLISHED ZONES.

The records of these unpublished zones were found in 1902 by a board appointed by Captain C. H. DAVIS, U. S. Navy, Superintendent, for the purpose of examining and systematically arranging the records of the Observatory.

These observations have been reduced as nearly as possible in the same manner as were the published ones. The elements of reduction, such as instrumental constants, clock corrections, clock rates, micrometer-screw values, and intervals of the zenith distance threads, were taken from the annual volumes and the data for reduction to mean place were taken from the British Nautical Almanacs.

After the observations were reduced to 1850.0, they were compared with the positions of the Cape Photographic Durchmusterung or of the Bonner Durchmusterung, and the apparent errors were corrected before the zone corrections were determined.

Meridian circle zones 1847–48.—These observations were contained in two observing books which had apparently been overlooked when the other zones of these years were reduced. The first zone in these books, numbered 187 in this catalogue, is a continuation of the published zone numbered 100, and the two zones have been treated as one for the determination of the zone corrections.

The times of transit of these stars were observed by the eye and ear method, and the thread intervals used in the reduction to mean thread were the same as those used in the work already published. By comparing the residuals from about 400 separately reduced threads, of stars observed over all seven of the threads, the probable error of a single thread was found to be $0^s.18$. Any thread which differed $0^s.7$ from the mean of the other threads was rejected.

Circle readings were sometimes made at intervals during a night's work, and when there was indication of gradual change in the position of the instrument, interpolated values have been used. Frequently but one reading was made and several times it was noted by the observer that the circle reading was unchanged. The correction for reduction to meridian was made when the place of bisection was noted.

Meridian circle zones 1851–52.—The times of transit of these stars were recorded on the chronograph and had been copied from the chronograph tapes on reduction sheets. The chronograph tapes were in great confusion, and upon examination it was found that many of them were missing. The reticule consisted of five sets of five threads each. The reductions of the mean of each set to the mean of the twenty-five threads as published on page XIX, Washington Astronomical Observations for 1851–52, were adopted, but the reduction of each thread to the mean of the set was determined from transits of α Ursæ Minoris, published in the same volume. As each set had a characteristic spacing, it was possible to identify the sets and to examine the individual transits, as well as to reduce the broken transits.

The observations for declination and magnitude were recorded in two observing books. As there was nothing in the books to indicate which chronograph record belonged to which declination, there was difficulty in properly combining the coordinates in the zones where some of the stars were observed in only one coordinate. The Cape Photographic Durchmusterung was of invaluable assistance in such cases.

The method indicated below was used by the observers for the most part in designating the various horizontal wires on the movable zenith distance diaphragm:

Number of thread	1	2	3	4	5	6	7	8	9	10	11
Recorded	-	1^{-}	2^{-}	3^{-}	1	2	3	1_{-}	2_{-}	3_{-}	=

The necessity of frequently changing the declination of a star by three wire intervals is doubtless due to this method of recording. Two sets of observations for the determination of the inclination of each of the horizontal wires were found in the observing books and the values of the inclination derived from them have been used in the reductions. The inclination cannot, however, be regarded as well determined from so few observations. The correction for reduction to meridian was applied.

The instrument was used Circle West from January 1, 1851, to June 28, 1851, and Circle East from the latter date to December 31, 1852.

Mural circle zones 1851.—The times of transit of these stars were recorded on the chronograph and had been copied from the chronograph tapes on reduction sheets. Many of the original chronograph tapes are missing. The reticule consisted of five sets of five threads each. The thread intervals were determined from the data available, comprising four complete and five partial transits of α Ursæ Minoris and eleven complete transits of other stars mostly in the equatorial region. The determination is not of great accuracy but is sufficiently accurate for the reduction of the observations.

The observations for declination and magnitude were recorded in two observing books, the records having been partially copied on the reduction sheets. The inclination of horizontal wire 3 and the corrections to reduce observations on a wire at any part of the field to wire 3 were determined from observations made in 1851 and 1852. Corrections were applied for reduction to meridian and for a slight eccentricity in the head of the zenith-distance micrometer.

Transit instrument zones 1851–52.—The times of transit over both the right ascension and the declination threads were recorded on the chronograph tape, the declination threads being inclined at an angle of 45° to those used for the determination of the right ascension.

The only records extant were the reduction sheets upon which had been copied for each zone the date, the declination of the middle of the zone, the clock times of transit over the right ascension and declination threads, and the observed magnitudes. Many of the original chronograph tapes from which the records had been derived were missing. There were five sets of five threads each for the determination of the right ascension, for which equatorial intervals are given on page XIII, Washington Astronomical Observations for 1851–52. Each set having characteristic intervals, the right ascension sets were identified and the approximate right ascensions deduced. The stars were then identified in the Cape Photographic Durchmusterung or in the Bonner Durchmusterung. The declinations being thus known approximately, the reductions in right ascension were completed.

The magnitudes had been recorded on the chronograph tapes by registering a number of marks equal to eleven minus the estimated magnitude. Doubtless some stars are therefore recorded as of the eleventh magnitude when the observer inadvertently omitted to record the magnitude.

No record was found of the intervals of the inclined threads used for determining the declinations, nor of the angle which these threads made with the right ascension threads. From the recorded transits the equatorial intervals of each set were determined and it was found that in 1851 there were seven sets of five threads each and in 1852 there were nine sets of five threads each, each set having characteristic intervals. It was readily found by slight examination that the angle between the oblique and vertical threads was approximately 45°, and later investigation showed that this value was so close to the truth as to need no correction. In order to get the declination it was necessary to determine the declinations corresponding to the points of intersection of the mean of each oblique set with the mean of the vertical threads. If D be the declination of such a point for a given zone, V the time of transit of a star over the mean of the vertical threads, O the time of transit over the mean of the oblique set, and c the sum of the corrections for differential refraction, reduction to meridian, and reduction to mean place 1850.0, then the declination of the star for 1850.0 is

$$\delta = D \pm 15\ (V - O)\ \cos\delta + c.$$

By means of this relation and the star positions of the Cordoba General Catalogue, the Cincinnati Zone Catalogue, or the Washington Zone of the Astronomische Gesellschaft Catalogue, values of D for each set for each zone were determined as far as possible. By a consideration of all this material for 1851 and 1852 separately, the distances of the oblique sets from each other were determined. These distances having been determined all the known stars of each zone were available for obtaining the zero declination for the zone. The declinations were thus differential and were based on Cordoba, Cincinnati, or Washington.

THE FORMATION OF THE CATALOGUE.

A complete rereduction of the observations has not been attempted, but a systematic search has been made for all appreciable errors.

1. As stated in the Introduction to Appendix II, Washington Observations for 1869:

> In the summer of 1861 copies of all the observations of zones [Mu. 1–268, Tr. 1–245, and Mer. 81–186] were made under the care of Mr. FERGUSON, and they were put into the hands of Dr. B. A. GOULD to revise the work already done and complete the reductions. He returned them ready for printing in July, 1867. . . . .
>
> It has been my [Prof. ASAPH HALL, U. S. Navy] endeavor to give, in the first place, an exact copy of the observations. For this purpose the proofs were compared, as has been already mentioned [and made to agree] with the hand books of the observers. The results deduced by Dr. GOULD, and his notes to the observations, have been printed without any change.

Consequently all the errors in the copy of the observations sent to Dr. GOULD affect the star positions as heretofore published. Fortunately this copy, from which the published positions were deduced, is still in the possession of the Observatory. It was compared with the observing books and whenever the original record differed from the copy, the necessary changes were made in the resulting right ascensions and declinations. There were about 1,600 such differences.

2. Many of these errors had been found by Dr. GOULD, though but a small part of the whole. In fact, occasionally the error in the copy led him into further error in attempting to identify the star. Therefore every change made by Dr. GOULD as indicated in the notes published at the bottom of the pages of the printed volumes was reinvestigated.

3. The desire of Dr. F. RISTENPART to have this material available for the Geschichte des Fixsternhimmels undertaken by the Berlin Academy of Sciences, in which work he then was occupied, led him to undertake the cataloguing of these zones. Shortly after commencing the work, having learned that the Naval Observatory was intending to undertake it, he furnished us with a list of about 500 discrepancies which he had discovered up to that date.

4. In preparing for publication the Cape Photographic Durchmusterung, Dr. J. C. KAPTEYN collected a manuscript list of about 2,200 errors in the Washington Zones which he has most courteously put at the disposal of the Observatory.

5. Each transit thread was reduced roughly to mean thread, and the difference between this value and the published mean thread was taken. Whenever there was any indication of error in the original reduction or of discordant threads the observation was more accurately reduced.

The first work done in the formation of the catalogue was to investigate all the cases arising under the five heads just mentioned. In carrying out this work it was necessary to determine the thread intervals that had been used for all the zones except those observed with the meridian circle in 1846. This was done by taking the difference between the mean thread and the recorded time of transit of single thread stars. During this investigation it was found necessary to rereduce in right ascension ninety-one zones, frequently because the mean declination of the zone had been wrongly assumed. One mural zone, No. 149, and forty-eight transit zones, Nos. 162–209, had been reduced with wrong thread intervals. The right ascensions were inserted in twenty-three mural zones, four of which were afterwards rejected. The right ascensions of one meridian circle zone were inserted, and also the declinations of thirty transit zones, seventeen of which zones later had their declinations rejected. In all, nine published zones have been rejected, largely because no satisfactory zone correction could be obtained. Three of the zones were north of —10° declination and scattering. The right ascensions of transit zone No. 210 were rejected because the thread intervals could not be obtained, a new set of threads having been put in just before and another set just after this zone was observed. In a number of cases stars were observed on the mural circle with horizontal wires whose distances from the central wire were not known, as mentioned on page IX, Washington Observations for 1869, Appendix II. After the zone corrections had been applied for all the mural zones the declinations of the Gould stars observed on the horizontal wires mentioned were compared with the declinations of the same stars in the Cordoba General Catalogue and the differences formed. By means of these differences systematic corrections were obtained and applied (1) to all stars bisected with wire 5 in 1846; (2) to all stars bisected with wire 5 in January, 1848; (3) to all stars bisected with wire 1 or wire 6 in March, 1848; (4) to all stars bisected with wire 1 or wire 6 from April 1, 1848, to 1849.

When cataloguing was commenced in 1901 there existed at the Observatory a card catalogue of all the published observations 1846–49, prepared under the direction of Prof. J. R. EASTMAN, U. S. Navy. This card catalogue was compared with the published observations, corrected as a result of the investigations just described, and then condensed by collecting on one card all the observations of a single star. When the unpublished observations had been reduced they were copied into the card catalogue.

To reduce the different nights' work to a common system, such stars of each zone as are found in the Cordoba General Catalogue were compared with the positions from that catalogue, and by means of the differences zone corrections were obtained for the several zones. Only those stars were used which had three or more observations in the Cordoba General Catalogue. In general only those Washington observations were used in right ascension in which the star was observed on more than one thread. When it was thought advisable to include the one-thread observations, such residuals were given half weight. In the majority of cases the zone correction used is the mean of the residuals to which reference has just been made. However, in all cases the residuals of each zone were inspected for a variation with the time and a variation with the declination. Whenever a variation was suspected in one or both of the coordinates a least square solution was made to determine the corresponding constants, a, b, or c, in the expression

$$\text{Zone correction} = a + b\,(\alpha - \alpha_0) + c(\delta - \delta_0),$$

and the quantities b and c were used in the adopted zone correction when they were large enough to produce a change of $0^s.1$ or $1''.0$ in the otherwise adopted constant value.

For a number of mural zones, the column a_2 in the published reductions, containing that part of the correction necessary to reduce the observed time of transit to the right ascension for 1850.0 and which varies with the declination of the star, was left out. These cases are indicated in Table I, *Register of Zones*. Instead of computing this quantity and applying it before forming the right ascension for 1850.0, it has been taken account of in the zone correction.

In all cases where there was an indication that a star had a proper motion the corresponding residual was rejected. A number of zones contained no Cordoba stars or so few that a satisfactory zone correction could not be determined. In many of these zones the stars were compared with the positions in Weiss's Catalogue of Argelander's Southern Zones, and the result thus obtained was corrected for the systematic difference between Cordoba and Argelander. In a few zones the intermediate catalogue of comparison was one of the Astronomische Gesellschaft Catalogues. In the remaining zones the stars were compared with the positions in previously corrected Washington Zones. In combining several Washington Zone observations for the purpose of this comparison a right ascension observation was given a weight 0 when the transit was observed over but one thread, a weight 1 when observed over two, three, or four threads, and a weight 2 when observed over five, six, or seven threads. A declination observation was given a weight 1 when determined with the meridian circle in 1846–49 or with the transit instrument, a weight 2 when determined with the meridian circle in 1851–52 or with the mural circle in 1851–52, and a weight 3 when determined with the mural circle in 1846–49. This system of weights was the result of a preliminary discussion similar to that given on page XVII. Occasionally the results from two or three of these methods were combined to get the adopted zone correction.

In eight cases among the zone corrections in right ascension two corrections are given for each zone. Two independent corrections have been determined in each of these cases, as the zone divides itself naturally into two portions separated by a period of an hour or so in which no observations were obtained.

When more than one correction is given in declination for a zone, the portions of the zone are separated by a period of an hour or so in which no observations were made, the observer states that the instrument was hit at a certain place, or the residuals indicate that the instrument was moved. The large number of cases in which the declination of the entire zone has been rejected is due almost wholly, if not entirely, to insecure clamping of the instrument.

The zone corrections are given in the Table I, *Register of Zones*, pages XX et seq.

The first column gives the number of the zone.

The second column gives the date of observation.

The third column gives the initial of the observer, where

A. =Lieutenant JOHN J. ALMY, U. S. Navy.
Be. =Professor MARK H. BEECHER, U. S. Navy.
Bn. =Professor WILLIAM B. BENEDICT, U. S. Navy.
C. =Professor J. H. C. COFFIN, U. S. Navy.

H. =Professor Joseph S. Hubbard, U. S. Navy.
K. =Professor Reuel Keith, U. S. Navy.
D. M.=Mr. Daniel G. Major.
Maj. =Professor James Major, U. S. Navy.
May. =Lieutenant Lafayette Maynard, U. S. Navy.
Ms. =Lieutenant William B. Muse, U. S. Navy.
Pa. =Lieutenant T. J. Page, U. S. Navy.
Pr. =Lieutenant William A. Parker, U. S. Navy.
S. =Lieutenant Charles Steedman, U. S. Navy.

The fourth column gives the number of stars observed in the zone.

The fifth column gives the approximate right ascension of the middle of the zone.

The sixth column gives the approximate declination of the middle of the zone. The zones vary in width from about 30′ to nearly 1°. The circle readings of eight zones have been changed as follows:

Mu. 115	1° south.	Mer. 106	40° south.
Mu. 220	5′ north.	Mer. 207	20° south.
Mu. 258	1′ south.	Mer. 220	4° north.
Mu. 278	10° north.	Mer. 230	4′ north.

In addition there are ten or fifteen meridian circle zones in which there is some uncertainty about the circle reading intended by the observer, but in all such cases the adopted circle reading has been made certain by the identification of the stars observed in the zone.

The seventh column gives the zone correction when it is a constant for the zone, or if a variable correction is used, the value for the right ascension and declination given in the fifth and sixth columns.

The eighth and ninth columns give the change per hour and per degree of the variable zone corrections.

The tenth, eleventh, twelfth, and thirteenth columns give, respectively, the number of stars used in forming the zone correction, from the Cordoba General Catalogue (Gou), from Weiss's Catalogue of Argelander's Southern Zones (AW), from other observations in the present Washington Zone Catalogue (WaZ), and from the Astronomische Gesellschaft Catalogue (AG).

The fourteenth, fifteenth, sixteenth, and seventeenth columns give the mean of the residuals, $\Delta\alpha\cos\delta$ or $\Delta\delta$, resulting from the comparison of the corrected Washington positions with those from the catalogues just mentioned.

The following table formed from the residuals (Gou) in the *Register of Zones* is given to enable one to make an intercomparison of the different instruments and observers and not with the idea of giving a measure of precision of the catalogue positions, which subject is considered on page xvii.

Observer.	Date.	Instrument.	$\Delta\alpha \cos\delta$		$\Delta\delta$	
			No. of Zones.	Mean Resid-ual.	No. of Zones.	Mean Resid-ual.
				s		″
J. Major	1846–49	Meridian Circle	91	0.14	88	1.9
Hubbard	“ “	“ “	45	0.11	44	1.7
Maynard	“ “	“ “	41	0.12	40	2.0
Muse	“ “	“ “	34	0.15	29	2.2
J. Major	1851–52	“ “	9	0.11	9	1.5
Coffin	1846–49	Mural Circle	127	0.13	127	1.2
Page	“ “	“ “	75	0.14	75	1.4
Steedman	“ “	“ “	46	0.16	46	1.4
Benedict	1851–52	“ “	4	0.09	4	1.1
Keith	1846–49	Transit Instrument	104	0.11	105	1.8
Beecher	“ “	“ “	43	0.13	40	2.2
Almy	“ “	“ “	50	0.12	12	2.2
Parker	“ “	“ “	15	0.14	5	2.4
Hubbard	“ “	“ “	6	0.15	5	1.8
Beecher	1851–52	“ “	5	0.08	5	2.4

After the zone corrections had been applied the systematic difference between the Cordoba General Catalogue and the Cape Catalogue for 1850, see Table II, pages XLVI and XLVII, was applied, as the mean epochs of the Cape and Washington observations are nearly the same.

A systematic search was then made for discordant observations. When two observations differed by three times the mean difference as given on page XVII, both observations were rereduced. In every case where there was but one observation of a star, an effort was made to identify it with a star in some one of the published catalogues, including the Cape Photographic Durchmusterung, the Cordoba Durchmusterung, and the Bonner Durchmusterung. When no star was found in the catalogues consulted, a star in the position indicated was searched for with one of the equatorials at the Observatory, but in no such case was a star found. A number of stars were measured with one of the equatorials where there was some doubt in one or more of the zone observations, although the identity of the star was not in question. All this equatorial work was done by Assistant JAMES B. EPPES. There are 59 positions in the catalogue which have not been identified with known stars. Each star not identified has a note to that effect in the catalogue.

During the progress of this work, Dr. E. S. HOLDEN wrote the Superintendent that some years ago he had done some work in cataloguing the Washington Zones, that the work was stored at the Lick Observatory, and that he would gladly turn it all over to the Observatory for such use as it might care to make of it. Director W. W. CAMPBELL, of the Lick Observatory, was communicated with, and he very kindly forwarded all the computations. Among the documents thus received was a completed catalogue of all the published mural zones and a card catalogue of the transit and meridian circle zones far advanced toward completion. The work at the

Observatory was then so nearly finished, that it was decided to complete it on the plan then being followed, and to compare the results with those of Dr. HOLDEN. While this comparison of the two independently formed catalogues disclosed a number of differences in identification it has led to only about twenty-five changes in the results we had already obtained.

THE ACCURACY OF A CATALOGUE POSITION.

For the determination of the probable errors of the catalogue positions, groups of stars were selected as indicated in the accompanying table, each group containing all the stars of the catalogue that would belong to that group.

Mean Difference Between Two Observations in Right Ascension.

($\Delta\alpha \cos \delta$)

Instrument.	1846–49 (Eye and Ear).				1851–52 (Chronograph).	
	No. of Differences.	Two Threads in Each Observation.	No. of Differences.	Three Threads in Each Observation.	No. of Differences.	Five Threads in Each Observation.
		s		s		s
Meridian Circle	288	0.23	242	0.18	90	0.16
Mural Circle	320	0.20	207	0.16	...	....
Transit Instrument	410	0.16	94	0.14	154	0.10
Transit—Meridian	...	....	...	....	302	0.13
Mural—Transit	...	....	...	....	192	0.11
Mural—Meridian	...	....	...	....	118	0.12

Mean Difference Between Two Observations in Declination.

Instrument.	1846–49.		1851–52	
	Number of Differences.	Mean Difference.	Number of Differences.	Mean Difference.
		"		"
Meridian Circle	474	2.5	86	2.0
Mural Circle	514	1.5	...	...
Transit Instrument	243	2.6	133	2.6
Transit—Meridian	...	...	228	2.2
Mural—Transit	...	...	176	2.4
Mural—Meridian	...	...	114	1.8

From these mean differences the following probable errors of a catalogue position were deduced:

Probable Errors of a Catalogue Position.

Instrument.	$\Delta\alpha \cos\delta$			$\Delta\delta$	
	1846–49 (Eye and Ear).		1851–52 (Chronograph).		
	Two Threads in Each Observation.	Three Threads in Each Observation.	Five Threads in Each Observation.	1846–49.	1851–52.
	s	s	s	"	"
Meridian Circle	9.14	0.11	0.09	1.5	1.1
Mural Circle	0.12	0.10	0.06	0.9	1.2
Transit Instrument	0.10	0.08	0.06	1.6	1.5

In conclusion it is desired to acknowledge the assistance received from various members of the Observatory staff in the preparation of this work. The laborious and responsible work of determining the zone corrections was carried on successively by Mr. J. C. HAMMOND, Mr. E. I. YOWELL, Prof. A. HALL, U. S. Navy, Mr. H. R. MORGAN, and Miss ETTA M. EATON, the last named having been connected with the work almost continuously from the beginning and having had entire charge of the preparation of the printer's copy. Miss ELEANOR A. LAMSON has rendered valuable assistance at various times and together with Miss EATON has had charge of the proof reading of the entire volume. In addition a large amount of work has been done by the various assistants connected with the Observatory from time to time.

THE PRINTED PAGES.

The first column gives the catalogue number. As it was necessary to change the numbers after the catalogue was in type, five numbers—2425, 13232, 14485, 15691, and 20708—appear without any accompanying star position.

The second column gives the observer's estimated magnitude. Professor HUBBARD omitted to record the magnitude of all ninth magnitude stars, so some stars observed by him and published as of the ninth magnitude, may be erroneously designated. This may be true also of some stars observed on the transit instrument in 1851–52 and published as of the eleventh magnitude, as the observers on this instrument at that time designated the magnitude by recording on the chronograph a number of marks equal to eleven minus the magnitude.

The third column gives the date of observation.

The fourth column gives the number of transit threads used in determining the right ascension.

The fifth column gives the right ascension for 1850.0. A thread giving a value differing $0^{s}.70$ from the mean of those given by the remaining threads is rejected and the corresponding value is given in the column *Notes*. This procedure is frequently followed even when other observations seem to indicate that the value published in the column *Notes* is the correct one. If but two threads were observed and they give right ascensions differing as much as $0^s.80$, the right ascension is left incomplete and the separate values are given in the column *Notes*. In the case of stars observed in 1851–52, i. e., observed chronographically, the limit for rejection is $0^s.35$.

The hour and minute are given on the first printed observation and omitted on the remaining ones of each star.

The sixth column gives the south declination for 1850.0. The degree and minute are given on the first printed observation and omitted on the remaining ones of each star.

The seventh, eighth, and ninth columns give the name of the instrument, the number of the zone, and the number of the star in the zone, respectively. In some cases the position as originally published is assumed to be the right ascension of one star and the declination of another. This is indicated by the subscripts one and two attached to the zone number. In mural zone No. 244, six stars have been inserted between Nos. 113 and 114. These have been designated as 113_2, 113_3, 113_4, 113_5, 113_6, 113_7.

The tenth column is devoted to notes. Only where it has been necessary in deducing the position given to assume an error in the original record is the change noted. Errors in reduction or printing found in the published observations have been corrected without making a note of the change. A note in quotation marks is a note by the observer. A declination has never been changed less than one micrometer revolution unless there seems to have been a mixing of figures by the observer in making his record. The notes indicate the cases where the evidence seems to be strongly in favor of a change of a few tenths of a revolution. Frequently a note is put in to show just what correction must be assumed in the record to make one position agree with another, and not because such a change is considered permissible.

The following system of abbreviations taken from the Astronomische Nachrichten, Band 174, has been used in referring to the various catalogues:

Lac = Henderson's Lacaille, 1750.
Lal = Baily's Lalande, 1800.
Tay D = Downing's new reduction of Taylor's Madras Catalogue, 1835.
Cp 50 = Catalogue of 4810 stars, Cape of Good Hope, 1850.
AW = Weiss' Catalog Argelanderischen Zonen, 1850.
Bo VI = Astronomische Beobachtungen Zu Bonn, Band VI, 1850.
Ya = Yarnall's Catalogue, Washington, 1860. Third Edition.
AG = Catalog der Astronomischen Gesellschaft.
Gou = Catálogo General Argentino, Córdoba, 1875.
GZ = Catálogo de las Zonas, Córdoba, 1875.
Mü$_1$ = Erstes Münchener Sternverzeichniss, 1880.
Mü$_2$ = Zweites Münchener Sternverzeichniss, 1880.
CiZ = Zone Catalogue of 4050 stars, Cincinnati, 1885.
BD = Bonner Durchmusterung.
CoD = Cordoba Durchmusterung.
CPD = Cape Photographic Durchmusterung.

TABLE I.—*Register of Zones—Meridian Circle Right Ascensions.*

[For explanation of this table, see page XIV.]

Zone.	Date.	Obs'r.	No. of Stars.	Mean R. A.	Mean South Decl.	Zone Corr.	Change per—		No. of Stars Used.				Δα cos δ.			
							Hour.	Degree.	Gou	AW	WaZ	AG	Gou	AW	WaZ	AG
	1846			h m	° ′	s	s	s					s	s	s	s
1†	Apr. 3	H.	14	11 1	44 54	−0.14	.....	.....	11	..	..	..	0.12	....	....	....
			16	14 3	44 54	+0.23	.....	.....	13	..	..	..	0.09	....	....	....
2	6	H.	11	15 34	40 27	+0.01	.....	.....	5	..	8	..	0.18	....	0.17	....
3	13	H.	34	10 50	44 56	+0.169	−0.095	.....	24	..	..	..	0.10	....	....	....
4	13	H.	17	14 35	44 18	+0.012	−0.348	.....	14	..	..	..	0.09	....	....	....
5	15	May.	40	13 6	44 23	+0.04	.....	.....	32	..	..	..	0.11	....	....	....
6	16	H.	20	11 44	40 51	0.00	.....	.....	13	..	14	..	0.08	....	0.14	....
			21	14 44	40 51	+0.43	.....	.....	13	..	12	..	0.17	....	0.16	....
7	17	May.	6	9 44	39 50	−0.38[1]	.....	.....	5	..	..	..	0.12	....	....	....
8	17	May.	14	11 57	29 29	−0.303	+0.178	.....	13	..	..	..	0.10	....	....	....
9	17	May.	26	16 26	29 27	+0.118	+0.142	.....	20	..	..	..	0.09	....	....	....
10	18	H.	29	10 59	28 57	−0.15[1]	.....	.....	7	..	..	..	0.22	....	....	....
11	19	May.	128	13 15	40 23	+0.11	.....	.....	61	..	..	..	0.14	....	....	....
12	20	H.	13	10 7	43 52	+0.02	.....	.....	8	..	..	..	0.12	....	....	....
13	20	H.	41	11 49	41 21	+0.03	.....	.....	14	..	..	..	0.11	....	....	....
			49	15 54	41 21	+0.13	.....	.....	32	..	..	..	0.10	....	....	....
14	May 3	May.	43	17 18	43 21	−0.377	−0.236	.....	29	..	..	..	0.11	....	....	....
15	4	H.	78	12 59	28 56	−0.08	.....	.....	31	..	..	..	0.10	....	....	....
			83	16 5	28 56	−0.106	−0.228	.....	23	..	..	..	0.09	....	....	....
16	19	H.	11	13 22	41 20	−0.006	.....	−0.659	6	..	..	..	0.09	....	....	....
17	19	H.	27	14 32	28 57	−0.08	.....	.....	12	..	..	..	0.15	....	....	....
18	19	H.	21	15 46	27 57	−0.08	.....	.....	10	..	..	..	0.12	....	....	....
19	20	May.	36	15 0	41 51	+0.04	.....	.....	28	..	..	..	0.11	....	....	....
20	21	H.	17	14 2	41 21	−0.10	.....	.....	14	..	..	..	0.08	....	....	....
21	21	H.	52	16 33	40 50	−0.161	−0.091	.....	39	..	..	..	0.08	....	....	....
22	25	May.	47	16 10	28 27	−0.097	−0.288	.....	14	..	..	..	0.09	....	....	....
23	27	May.	65	14 16	28 26	+0.025	.....	+0.543	19	..	..	..	0.09	....	....	....
24	27	May.	64	18 1	27 25	0.00	.....	.....	23	..	..	..	0.12	....	....	....
25	June 3	May.	99	15 25	27 26	+0.043[1]	+0.081	.....	50	..	..	..	0.12	....	....	....
26	15	H.	124	17 20	41 20	+0.339	+0.041	.....	50	..	..	..	0.11	....	....	....
27	17	H.	100	17 4	27 56	0.00	.....	.....	37	..	..	..	0.09	....	....	....
28	18	May.	115	19 0	26 55	−0.029	−0.079	.....	52	..	..	..	0.13	....	....	....
29	21	May.	13	19 23	40 19	−0.166	−0.217	.....	10	..	..	..	0.07	....	....	....
30	22	H.	20	17 16	28 58	−0.27	.....	.....	5	..	8	..	0.16	....	0.18	....
31	24	H.	17	15 25	26 27	−0.07[1]	.....	.....	6	..	..	..	0.10	....	....	....
32	24	H.	50	18 29	28 58	−0.101	.....	+0.289	22	..	..	..	0.11	....	....	....
33	July 1	H.	50	16 10	26 26	−0.18	.....	.....	18	..	..	..	0.11	....	....	....
34	7	H.	9	15 55	42 17	+0.04	.....	.....	7	..	..	..	0.07	....	....	....
35	7	H.	17	20 31	26 22	−0.105	.....	+0.515	11	..	..	..	0.13	....	....	....
36	9	H.	32	17 0	42 53	+0.085	−0.210	.....	20	..	..	..	0.12	....	....	....
37	9	H.	36	18 33	27 56	−0.25	.....	.....	8	..	24	..	0.07	....	0.14	....
38	10	May.	37	17 35	40 19	+0.090	−0.239	.....	21	..	..	..	0.10	....	....	....
39	10	May.	40	20 21	27 28	+0.07	.....	.....	24	..	..	..	0.12	....	....	....
40	11	H.	15	16 38	43 52	−0.06	.....	.....	13	..	..	..	0.11	....	....	....
41	11	H.	18	17 45	26 26	−0.22[1]	.....	.....	7	..	..	..	0.10	....	....	....
42	14	H.	61	17 32	42 20	−0.09	.....	.....	32	..	..	..	0.13	....	....	....
43	14	H.	21	20 46	28 56	−0.09	.....	.....	13	..	..	..	0.14	....	....	....
44	15	May.	18	19 2	44 22	+0.14	.....	.....	13	..	..	..	0.09	....	....	....
45	16	H.	24	21 16	42 51	−0.174	+0.523	.....	17	..	..	..	0.13	....	....	....
46	24	H.	66	22 0	28 57	+0.06	.....	.....	35	..	..	..	0.11	....	....	....
47	29	H.	11	18 10	41 30	−0.106	.....	+0.877	6	..	..	..	0.06	....	....	....
48	29	H.	48	20 0	28 56	−0.16	.....	.....	17	..	..	..	0.10	....	....	....
49	Aug. 11	H.	26	18 31	40 50	−0.03	.....	.....	16	..	..	..	0.07	....	....	....
50	11	H.	50	22 0	26 25	−0.036	+0.113	.....	29	..	..	..	0.13	....	....	....
51	12	May.	52	19 22	29 26	−0.37	.....	.....	35	..	..	..	0.09	....	....	....
52	13	H.	42	19 18	28 56	−0.03	.....	.....	30	..	..	..	0.14	....	....	....
53	13	H.	16	20 40	41 20	+0.127	−0.172	.....	13	..	..	..	0.14	....	....	....
54†	13	H.	18	22 17	27 56	+0.02	.....	.....	15	..	..	..	0.17	....	....	....
55	18	May.	62	19 45	28 25	+0.12	.....	.....	31	..	..	..	0.13	....	....	....
56	29	May.	50	19 44	41 50	+0.07	.....	.....	25	..	..	..	0.10	....	....	....
57	Sept. 9	H.	52	20 58	42 15	+0.49	.....	.....	26	..	..	..	0.09	....	....	....
58	13	May.	91	22 22	29 25	+0.311	.....	+0.315	54	..	..	..	0.10	....	....	....
59	14	H.	24	19 43	40 56	+0.427	.....	+0.650	11	..	..	..	0.09	....	....	....
60	14	H.	161	22 9	28 2	+0.12	.....	.....	67	..	..	..	0.12	....	....	....
61	15	May.	32	19 43	29 29	+0.34	.....	.....	21	..	..	..	0.10	....	....	....
62	15	May.	135	23 0	27 28	+0.19	.....	.....	64	..	..	..	0.12	....	....	....
63	16	H.	68	19 50	27 56	+0.11	.....	.....	40	..	..	..	0.12	....	....	....
64	16	H.	59	23 10	41 20	+0.39	.....	.....	28	..	..	..	0.10	....	....	....
65	16	H.	37	2 4	27 58	−0.06	.....	.....	18	..	..	..	0.12	....	....	....
66	19	May.	173	22 42	25 55	+0.092	.....	+0.336	87	..	..	..	0.13	....	....	....
67	21	H.	24	20 40	43 51	+0.43	.....	.....	19	..	..	..	0.08	....	....	....
68	22	May.	166	21 56	25 25	0.00	.....	.....	71	..	..	..	0.12	....	....	....
69	23	H.	161[2]	21 45	24 55	+0.22	.....	.....	87	..	..	..	0.12	....	....	....

---

[1] Value checked by comparison with Washington Zones.

[2] Nos. 162 and 163 rejected. Observed, after an observation of Ursae Minoris, at 1^h, not at 0^h as published.

† The original records, Zones 1 to 54, have been obscured by having the pencil figures inked over.

TABLE I.—*Register of Zones—Meridian Circle Right Ascensions*—Continued.

Zone.	Date.	Obs'r.	No. of Stars.	Mean R. A.	Mean South Decl.	Zone Corr.	Change per—		No. of Stars Used.				Δα cos δ.			
							Hour.	Degree.	Gou	AW	WaZ	AG	Gou	AW	WaZ	AG
	1846			h m	° ′	s	s	s					s	s	s	s
70	Sept. 24	May.	94	22 34	24 55	+0.103	.....	+0.430	51	..	..	..	0.11	....	....	....
71	Oct. 7	May.	69	22 1	26 55	−0.324	+0.107	.....	29	..	..	..	0.14	....	....	....
72	8	May.	92	22 20	28 24	+0.14	.....	.....	45	..	..	..	0.16	....	....	....
73	9	May.	10	20 44	40 20	+0.022	.....	+0.986	6	..	..	..	0.06	....	....	....
74	11	May.	30	23 28	40 18	+0.02[3]	.....	.....	17	..	..	..	0.14	....	....	....
75	16	May.	24	22 32	41 52	+0.432	.....	+0.330	17	..	16	..	0.12	....	0.13	....
76	17	May.	19	22 20	43 27	+1.040	−0.132	.....	13	..	..	..	0.09	....	....	....
77	19	May.	56	22 35	44 17	+0.62	.....	.....	34	..	..	..	0.12	....	....	....
78	21	May.	19	21 52	40 19	+0.502	.....	+0.867	6	..	9	..	0.08	....	0.11	....
79	28	May.	55	2 50	43 22	+0.16	.....	.....	37	..	..	..	0.11	....	....	....
80	Nov. 21	May.	14	0 0	43 14	+0.09	.....	.....	9	..	..	..	0.15	....	....	....
81	1847 Jan. 6	May.	52	3 29	32 19	−0.03	.....	.....	33	..	..	..	0.08	....	....	....
82	22	May.	12	4 21	30 41	+0.133	−0.915	.....	7	..	..	..	0.05	....	....	....
83	Feb. 1	May.	175	5 48	30 40	+0.18	.....	.....	54	..	..	..	0.12	....	....	....
84	5	May.	236	7 50	27 32	+0.13	.....	.....	35	..	..	..	0.14	....	....	....
85	5	May.	44	11 22	27 33	+0.12	.....	.....	13	..	..	..	0.07	....	....	....
86	11	May.	96	9 10	28 13	−0.091	−0.136	.....	11	..	..	..	0.09	....	....	....
87	Mar. 5	Maj.	65	9 32	30 42	−0.35	.....	.....	22	..	..	..	0.15	....	....	....
88	14	Maj.	125	12 35	30 4	−0.083[2]	+0.046	.....	35	..	..	..	0.17	....	....	....
89	18	Maj.	60	8 40	29 29	+0.246	+0.180	.....	24	..	..	..	0.11	....	....	....
90†	24	Maj.	121	9 44	31 22	+0.16	.....	.....	20	..	21[1] 40	..	0.12	....	0.19 0.22	....
91	Apr. 9	Maj.	120	11 42	28 49	+0.052	−0.066	.....	26	..	..	..	0.14	....	....	....
92	11	Maj.	121	11 50	28 12	−0.15	.....	.....	22[1] 27	..	..	..	0.29 0.17	....	....	....
93	13	Maj.	25	10 11	26 56	+0.50	.....	.....	4[1] 3	..	12	..	0.21 0.16	....	0.20	....
94	15	Maj.	92	16 55	28 49	+0.253	−0.090	.....	21	..	..	..	0.13	....	....	....
95	18	Maj.	96	11 40	29 30	+0.229	+0.116	.....	17	..	..	..	0.16	....	....	....
96	22	Maj.	81	16 45	30 4	+0.31	.....	.....	13	..	..	..	0.11	....	....	....
97	25	Maj.	170	15 32	29 28	−0.049	.....	+0.382	46	..	..	..	0.13	....	....	....
98	Mav 4	Maj.	69	13 30	26 25	+0.233	+0.060	+0.493	27	..	..	..	0.16	....	....	....
99	6	Maj.	112	13 0	26 55	+0.37	.....	.....	24	..	..	..	0.17	....	....	....
100[3] 187	6	Maj.	61 16	17 24	26 56	+0.524	.....	−0.316	20	..	..	..	0.15	....	....	....
101	June 21	Ms.	38	17 20	27 38	−0.13	.....	.....	17	..	..	..	0.20	....	....	....
102	25	Ms.	36	19 10	26 21	−1.45	.....	.....	11	..	..	..	0.17	....	....	....
103	Aug. 30	Ms.	11	18 30	25 3	+0.456	+0.985	.....	2[1] 2	..	2[1] 8	..	0.23 0.11	....	0.21 0.16	....
104	30	Ms.	46	19 50	25 0	+0.34	.....	.....	27	..	..	..	0.16	....	....	....
105	Sept. 6	Ms.	48	20 43	26 21	+0.679	−0.133	.....	17	..	..	..	0.06	....	....	....
106	6	Ms.	20	0 22	26 20	+0.740	+0.275	.....	9	..	18	..	0.16	....	0.17	....
107	16	Ms.	89	21 11	27 0	+0.300	.....	+0.594	37	..	..	..	0.11	....	....	....
108	16	Ms.	27	2 15	27 0	+0.33	.....	.....	14	..	..	..	0.12	....	....	....
109	Oct. 4	Ms.	62	22 30	25 6	−0.157	.....	−0.342	31	..	..	..	0.15	....	....	....
110	18	Ms.	26	23 32	26 18	−0.22	.....	.....	11	..	..	..	0.06	....	....	....
111	18	Ms.	49	2 0	26 16	−0.18	.....	.....	22	..	..	..	0.17	....	....	....
112	26	Ms	9	21 12	24 30	+0.440	−2.390	−1.617	1[1] 4	..	3[1] 6	..	0.10 0.10	....	0.36 0.11	....
113	28	Ms.	61	22 38	24 26	−0.080	−0.255	.....	26	..	..	..	0.14	....	....	....
114	28	Ms.	26	2 10	24 26	0.00	.....	.....	10	..	4[1] 8	..	0.23	....	0.29 0.15	....
115	Nov. 20	Ms.	22	0 24	22 32	−0.14	.....	.....	5	..	12	..	0.12	....	0.14	....
116	Dec. 7	Ms.	73	1 49	22 43	+0.15	.....	.....	8	..	21	..	0.18	....	0.19	....
117	1848 Jan. 19	Ms.	17	2 47	22 29	+0.342	+0.516	.....	..	7	..	..	....	0.07	....	....
118	19	Ms.	58	6 57	22 40	+0.483	.....	−0.513	12	..	10	..	0.15	....	0.16	....
119	Mar. 24	Ms.	30	10 2	22 33	+0.03	.....	.....	7	..	7	..	0.13	....	0.14	....
120	29	Ms.	48	10 10	23 10	+0.234	.....	+0.285	18	..	11	..	0.11	....	0.16	....
121	29	Ms.	19	12 29	23 10	+0.11	.....	.....	8	..	8	..	0.19	....	0.27	....
122	May 3	Ms	68	12 40	22 35	+0.25[2]	.....	.....	9	..	..	..	0.22	....	....	....
123	3	Ms.	12	15 3	22 33	+0.19	.....	.....	..	6	..	..	....	0.06	....	....
124	27	Maj.	104	14 30	25 41	+0.224	+0.102	.....	30	..	..	..	0.17	....	....	....
125	30	Maj.	50	16 50	25 43	+0.25	.....	.....	16	..	..	..	0.20	....	....	....
126	31	Maj.	23	13 38	25 4	+0.14	.....	.....	1[1] 3	..	3[1] 9	..	0.14 0.19	....	0.19 0.16	....
127	June 12	Ms.	57	18 8	22 33	−0.03	.....	.....	15	..	..	..	0.13	....	....	....
128	16	Ms.	45	16 22	24 19	−0.414	.....	+0.291	16	..	18	..	0.15	....	0.19	....
129	26	Ms.	119	18 21	23 48	−0.45	.....	.....	42	..	..	..	0.15	....	....	....
130	July 10	Ms.	15	17 55	23 11	−0.02	.....	.....	5	..	7	..	0.16	....	0.12	....
131	17	Ms.	61	18 14	23 10	−0.618	+0.090	.....	21	..	..	..	0.18	....	....	....
132	18	Maj.	126	18 32	23 48	+0.09	.....	.....	41	..	..	..	0.15	....	....	....
133	19	Ms.	127	19 16	21 21	+0.04	.....	.....	14	..	..	..	0.13	....	....	....
134	20	Maj.	182	19 51	31 18	+0.18	.....	.....	54	..	..	..	0.14	....	....	....
135	24	Ms.	51	21 2	22 42	+0.043	.....	+0.445	6	..	36	..	0.25	....	0.20	....
136	Aug. 4	Ms.	51	20 58	22 33	+0.350	+0.163	.....	12	..	..	..	0.18	....	....	....
137	7	Ms.	125	20 12	19 57	+0.37	.....	.....	15	..	..	..	0.18	....	....	....
138	14	Maj.	60	19 56	24 23	+0.30	.....	.....	26	..	..	..	0.15	....	....	....

---

[1] One-thread observations to which half weight only was given in solving for zone corrections.

[2] Value checked by comparison with Washington Zones.

[3] Zone 187, the first one of the unpublished zones, is a continuation of Zone 100 and the two have been treated as one for the determination of the zone correction.

† The original records have been obscured by having the pencil figures inked over.

TABLE I.—*Register of Zones—Meridian Circle Right Ascensions*—Continued.

Zone.	Date.	Obs'r.	No. of Stars.	Mean R. A.	Mean South Decl.	Zone Corr.	Change per—		No. of Stars Used.				Δα cos δ.			
							Hour.	Degree.	Gou	AW	WaZ	AG	Gou	AW	WaZ	AG
	1848			h m	° ′	s	s	s					s	s	s	s
139	Aug. 16	Maj.	81	18 29	25 41	+0.04	.....	.....	27	..	..	..	0.13	....	....	....
140	16	Maj.	43	21 10	24 26	+0.03	.....	.....	14	..	..	..	0.15	....	....	....
141	18	Maj.	119	20 40	19 29	+0.458	+0.137	−0.512	16	..	..	..	0.13	....	....	....
142	24	Ms.	15	23 0	20 6	+0.170	−0.314	.....	..	9	..	..	....	0.16	....	....
143	29	Maj.	8	23 26	20 48	+0.202	−2.461	.....	..	6	..	..	....	0.08	....	....
144	30	Ms.	70	21 0	21 2	−0.189	−0.212	.....	1[1] 10	5[1] 18	16[1] 19	..	0.09 0.22	0.25 0.16	0.28 0.25	....
145	30	Ms.	34	23 13	21 6	−0.170	−0.395	+0.878	..	8[1] 10	..	..	....	0.23 0.19	....	....
146	Sept. 1	Ms.	107	21 5	20 40	−0.781	−0.285	.....	11	..	..	..	0.12	....	....	....
147	1	Ms.	61	0 4	19 26	−0.42[3]	.....	.....	8	..	..	..	0.13	....	....	....
148	2	Maj.	149	20 25	23 14	+0.22	.....	.....	57	..	..	..	0.15	....	....	....
149	18	Ms.	75	20 39	18 10	+0.26	.....	.....	13	..	..	..	0.16	....	....	....
150	Oct. 5	Maj.	24	23 12	17 31	+0.20	.....	.....	..	..	..	22	....	....	....	0.17
151	6	Ms.	50	23 42	18 50	−0.032	−0.087	.....	..	33	..	..	....	0.20	....	....
152	7	Maj.	46	23 15	21 16	−0.082	.....	−0.296	..	19	..	..	....	0.22	....	....
153	14	Ms.	93	22 13	16 53	−0.041	.....	+0.557	..	..	38	..	....	....	0.28	....
154	Nov. 28	Maj.	52	3 19	26 56	+0.13	.....	.....	18	..	..	..	0.17	....	....	....
155	28	Maj.	80	6 48	29 26	+0.07	.....	.....	28	..	..	..	0.15	....	....	....
156	Dec. 2	Maj.	59	23 52	21 55	+0.24[2]	.....	.....	6	..	..	..	0.11	....	....	....
157	4	Maj.	32	3 36	21 57	+0.20	.....	.....	..	10	..	..	....	0.16	....	....
158	18	Maj.	47	4 55	27 32	+0.19	.....	.....	29	..	..	..	0.14	....	....	....
159	1849 Jan. 23	Maj.	120	6 31	31 17	+0.09	.....	.....	39	..	..	..	0.13	....	....	....
160	27	Maj.	53	4 1	31 17	+0.13	.....	.....	23	..	..	..	0.11	....	....	....
161	Feb. 9	Maj.	67	5 38	29 26	−0.028	+0.126	.....	30	..	..	..	0.15	....	....	....
162	10	Maj.	69	5 47	30 2	+0.09	.....	.....	35	..	..	..	0.11	....	....	....
163	16	Maj.	51	5 29	26 20	+0.06	.....	.....	25	..	..	..	0.14	....	....	....
164	19	Maj.	111	7 2	21 55	+0.10	.....	.....	9	..	..	..	0.09	....	....	....
165	23	Maj.	133	7 10	30 40	−0.036	.....	+0.404	32	..	..	..	0.10	....	....	....
166	Mar. 7	Maj.	99	8 45	33 51	+0.139	−0.091	.....	19	..	..	..	0.08	....	....	....
167	8	Maj.	33	6 27	33 48	−0.02	.....	.....	17	..	..	..	0.12	....	....	....
168	19	Maj.	121	9 40	35 42	+0.030	−0.077	.....	25	..	..	..	0.16	....	....	....
169	22	Maj.	73	7 26	33 48	+0.36	.....	.....	10	..	..	..	0.10	....	....	....
170	22	Maj.	85	13 50	33 48	+0.212	−0.097	.....	14	..	..	..	0.07	....	....	....
171	24	Maj.	33	7 47	36 18	+0.10	.....	.....	22	..	..	..	0.11	....	....	....
172	30	Maj.	137	13 32	31 57	+0.20	.....	.....	36	..	..	..	0.12	....	....	....
173	Apr. 2	Maj.	122	12 20	38 47	+0.21	.....	.....	45	..	..	..	0.12	....	....	....
174	5	Maj.	62	9 35	27 11	+0.266	−0.228	.....	21	..	..	..	0.12	....	....	....
175	5	Maj.	76	14 22	24 26	+0.16	.....	.....	17	..	..	..	0.12	....	....	....
176	10	Maj.	58	11 34	25 2	+0.23	.....	.....	14	..	..	..	0.14	....	....	....
177	11	Maj.	174	11 32	25 0	−0.093	.....	+0.263	51	..	..	..	0.15	....	....	....
178	14	Maj.	36	10 34	27 34	−0.03	.....	.....	12	..	..	..	0.17	....	....	....
179	16	Maj.	141	11 47	23 47	−0.02	.....	.....	49	..	..	..	0.13	....	....	....
180	May 2	Maj.	24	15 5	26 56	+0.085	−0.442	+0.563	..	..	6[1] 7	..	....	....	0.15 0.15	....
181	19	Maj.	16	12 15	40 50	+0.21	.....	.....	8	..	12	..	0.06	....	0.06	....
182	19	Maj.	46	14 13	30 42	+0.09	.....	.....	27	..	..	..	0.12	....	....	....
183	23	Maj.	10	13 14	23 11	−0.12	.....	.....	6	..	..	..	0.05	....	....	....
184	June 22	Maj.	67	16 12	22 47	−0.20	.....	.....	24	..	..	..	0.13	....	....	....
185	July 24	Maj.	14	16 47	31 21	+0.12[2]	.....	.....	7	..	..	..	0.06	....	....	....
186	Aug. 25	Maj.	50	18 28	19 26	+0.24	.....	.....	12	..	..	..	0.10	....	....	....
187	1847 May 6	Maj.	16	.. ..	.. ..	([4])	.....	.....	..	..	..	..	....	....	....	....
188	18	Maj.	58	14 34	27 34	+0.391	+0.158	.....	26	..	..	..	0.12	....	....	....
189	28	Maj.	140	17 35	28 11	+1.087	.....	+0.335	38	..	..	..	0.14	....	....	....
190	June 11	Maj.	148	16 40	30 2	+0.298	−0.056	.....	37	..	..	..	0.13	....	....	....
191	17	Maj.	84	16 30	26 10	+0.25	.....	.....	21	..	..	..	0.13	....	....	....
192	24	Maj.	72	15 58	30 42	+0.60	.....	.....	22	..	..	..	0.15	....	....	....
193	26	Maj.	24	18 19	26 18	+0.414	.....	+0.476	9	..	5[1] 11	..	0.14	....	0.29 0.19	....
194	July 4	Maj.	52	17 57	26 18	+0.47	.....	.....	21	..	..	..	0.17	....	....	....
195	18	Maj.	212	20 20	27 33	+0.48	.....	.....	63	..	..	..	0.16	....	....	....
196	Aug. 2	Maj.	137	21 35	25 43	+0.162	−0.053	.....	29[1] 47	..	..	..	0.29 0.21	....	....	....
197	5	Maj.	13	17 2	5 3	(**)	.....	.....	..	..	..	..	....	....	....	....
198	11	Maj.	48	21 4	30 45	+0.57	.....	.....	19	..	..	..	0.13	....	....	....
199	26	Maj.	118	20 19	28 56	+0.481	−0.139	.....	38	..	..	..	0.12	....	....	....
200	29	Maj.	18	20 0	26 18	+0.723	−0.744	.....	7	..	11	..	0.13	....	0.19	....
201	Sept. 4	Maj.	48	21 12	26 17	+0.522	.....	+2.356	12	..	..	..	0.18	....	....	....
202	13	Maj.	118	22 12	28 15	+0.562	.....	−0.355	50	..	..	..	0.20	....	....	....
203	15	Maj.	104	21 45	30 4	+0.392	.....	+0.666	42	..	..	..	0.17	....	....	....
204	17	Maj.	190	22 6	29 26	+0.286	.....	+0.467	68	..	..	..	0.17	....	....	....

---

[1] One-thread observations to which half weight only was given in solving for zone corrections.
[2] Value checked by comparison with Washington Zones.
[3] Value checked by comparisons with Argelander and Washington Zones.
[4] See Zone 100.
** Zone rejected.

TABLE I.—*Register of Zones—Meridian Circle Right Ascensions*—Continued.

Zone.	Date.	Obs'r.	No. of Stars.	Mean R. A.	Mean South Decl.	Zone Corr.	Change per—		No. of Stars Used.				Δα cos δ			
							Hour.	Degree.	Gou	AW	WaZ	AG	Gou	AW	WaZ	AG
				h m	° ′	s	s	s					s	s	s	s
205	1847 Sept. 21	Maj.	124	22 16	26 15	+0.470	+0.068	+1.067	36	..	..	..	0.17	....	....	....
206	Oct. 16	Maj.	205	1 6	30 40	+0.338	.....	−0.401	69	..	..	..	0.20	....	....	....
207	20	Maj.	11	20 13	13 58	−0.02	.....	.....	..	..	..	4[1] 4	....	....	....	0.23 0.11
208	20	Maj.	36	22 7	28 48	+0.170	.....	−0.675	16	..	..	..	0.12	....	....	....
209	25	Maj.	37	22 26	28 50	+0.37	.....	.....	18	..	..	..	0.17	....	....	....
210	27	Maj.	56	3 6	25 44	+0.43	.....	.....	14	..	..	..	0.16	....	....	....
211	Nov. 2	Maj.	21	23 10	25 40	+0.39	.....	.....	8	..	3[1] 13	..	0.11	....	0.20 0.13	....
212	2	Maj.	144	3 56	25 42	+0.46	.....	.....	34	..	..	..	0.12	....	....	....
213	29	Maj.	19	4 40	14 46	(**)	.....	.....	..	..	..	..	....	....	....	....
214	Dec. 6	Maj.	84	2 40	30 6	+0.50	.....	.....	25	..	..	..	0.16	....	....	....
215	6	Maj.	90	8 7	25 44	+0.34	.....	.....	27	..	..	..	0.17	....	....	....
216	14	Maj.	62	3 22	25 2	+0.44	.....	.....	22	..	..	..	0.14	....	....	....
217	14	Maj.	81	5 34	28 8	+0.475	+0.211	−0.290	19	..	..	..	0.12	....	....	....
218	1848 Jan. 4	Maj.	83	5 55	28 50	+0.10	.....	.....	32	..	..	..	0.16	....	....	....
219	18	Maj.	88	5 44	28 11	+0.27	.....	.....	32	..	..	..	0.14	....	....	....
220	20	Maj.	200	6 56	22 56	+0.25	.....	.....	51	..	..	..	0.14	....	....	....
221	22	Maj.	211	7 1	25 41	−0.188	−0.057	.....	56	..	..	..	0.14	....	....	....
222	24	Maj.	33	7 22	26 56	−0.197	−0.396	.....	12	..	..	..	0.05	....	....	....
223	29	Maj.	25	7 5	25 2	+0.17[3]	.....	.....	7	..	..	..	0.14	....	....	....
224	Mar. 7	Maj.	52	9 42	26 18	+0.13	.....	.....	20	..	..	..	0.13	....	....	....
225	Apr. 1	Maj.	38	11 17	27 34	+0.07	.....	.....	24	..	..	..	0.12	....	....	....
226	20	Maj.	7	10 49	27 28	+0.05	.....	.....	..	..	5	..	....	....	0.12	....
227	20	Maj.	93	12 38	27 36	+0.25	.....	.....	39	..	..	..	0.13	....	....	....
228	1851 Feb. 18	Maj.	41	8 43	26 17	+0.13	.....	.....	15	..	..	..	0.13	....	....	....
229	22	Maj.	43	7 48	21 16	−0.051	.....	+0.313	..	22	..	..	....	0.11	....	....
230	25	Maj.	34	7 40	23 8	+0.38	.....	.....	18	..	..	..	0.13	....	....	....
231	Mar. 11	Maj.	23	8 18	22 31	+0.24	.....	.....	4	8	9	..	0.07	0.25	0.11	....
232	11	Maj.	37	9 27	20 40	+0.16	.....	.....	..	25	..	..	....	0.09	....	....
233	21	Maj.	36	9 31	20 37	+0.085	+0.359	+0.353	..	21	..	..	....	0.11	....	....
234	24	Maj.	81	9 32	20 40	+0.22	.....	.....	..	47	..	..	....	0.15	....	....
235	26	Maj.	134	9 11	20 37	+0.10	.....	.....	13	..	..	..	0.11	....	....	....
236	28	Maj.	74	9 28	19 26	+0.408	+0.376	.....	..	40	..	..	....	0.17	....	....
237	Apr. 9	Maj.	38	10 31	19 58	+0.503	−0.212	.....	..	20	..	..	....	0.19	....	....
238	18	Maj.	49	11 25	19 55	−0.054	.....	+0.468	..	21	..	..	....	0.16	....	....
239	22	Maj.	50	11 22	23 8	−0.106	.....	+0.480	24	..	..	..	0.14	....	....	....
240	May 7	Maj.	44	13 22	21 19	−0.08	.....	.....	..	26	..	..	....	0.13	....	....
241	June 7	Maj.	32	15 56	20 44	−0.147	.....	+0.369	6	..	20	..	0.11	....	0.12	....
242	Sept. 1	Maj.	49	20 8	18 47	−0.443	.....	+0.953	10	..	..	..	0.03	....	....	....
243	4	Maj.	40	20 49	17 32	−0.08	.....	.....	10	..	..	..	0.07	....	....	....
244	Oct. 3	Maj.	45	21 52	16 29	−0.106	.....	+0.317	..	18	..	..	....	0.09	....	....
245	Dec. 11	Maj.	18	23 38	18 45	−0.146	−0.694	.....	..	14	..	..	....	0.13	....	....
246	1852 May 4	Maj.	34	12 46	20 4	+0.04	.....	.....	..	14	..	..	....	0.16	....	....
247	6	Maj.	44	12 30	19 25	+0.09	.....	.....	..	20	..	..	....	0.13	....	....
248	18	Maj.	48	15 32	19 24	+2.24	.....	.....	16	..	..	..	0.09	....	....	....
249	25	D. M.	28	14 26	20 3	−0.13	.....	.....	..	14	..	..	....	0.12	....	....
250	July 21	Maj.	20	19 39	16 54	−0.02	.....	.....	..	15	..	..	....	0.19	....	....
251	Sept. 28	D. M.	36	22 9	21 22	−0.203	−0.260	.....	..	18	..	..	....	0.13	....	....
252	Nov. 10	Maj.	19	23 56	17 32	([2])	.....	.....	..	..	..	..	....	....	....	....

[1] One-thread observations to which half weight only was given in solving for zone corrections.
[2] Right ascension not observed.
[3] Value checked by comparison with Washington Zones.
**Zone rejected.

TABLE I.—*Register of Zones—Meridian Circle Declinations.*

[For explanation of this table, see page XIV.]

Zone.	Date.	Obs'r.	No. of Stars.	Mean R. A.	Mean South Decl.	Zone Corr.	Change per—		No. of Stars Used.				ε.			
							Hour.	Degree.	Gou	AW	WaZ	AG	Gou	AW	WaZ	AG
	1846			h m	° '	"	"	"					"	"	"	"
1†	Apr. 3	H.	14	11 1	44 54	−2.68	.....	.....	11	..	..	..	1.1	...	...	...
			16	14 3	44 54	+1.45	.....	.....	14	..	..	..	2.3	...	...	...
2	6	H.	11	15 34	40 27	−1.08	.....	.....	8	..	10	..	2.0	...	2.0	...
3	13	H.	34	10 50	44 56	+5.11	.....	.....	26	..	..	..	1.6	...	...	...
4	13	H.	17	14 35	44 18	+4.13	.....	− 8.62	14	..	..	..	2.1	...	...	...
5	15	May.	40	13 6	44 23	+0.98	− 0.70	.....	35	..	..	..	2.4	...	...	...
6	16	H.	41	13 17	40 51	(*)	.....	.....	..	..	..	..	...	...	...	...
7	17	May.	6	9 44	39 50	+4.98	.....	.....	4	..	..	..	1.2	...	...	...
8	17	May.	14	11 57	29 29	+0.14[1]	+ 1.77	.....	11	..	..	..	1.4	...	...	...
9	17	May.	26	16 26	29 27	+4.83	+ 1.70	.....	18	..	..	..	2.3	...	...	...
10	18	H.	29	10 59	28 57	+1.78	.....	.....	9	..	..	..	2.0	...	...	...
11	19	May.	128	13 15	40 23	+0.96[1]	.....	.....	77	..	..	..	2.1	...	...	...
12	20	H.	13	10 7	43 52	+2.08	.....	.....	9	..	..	..	1.1	...	...	...
13	20	H.	41	11 49	41 21	+3.62	.....	.....	18	..	..	..	2.0	...	...	...
			49	15 54	41 21	+2.43	.....	.....	33	..	..	..	1.6	...	...	...
14	May 3	May.	43	17 18	43 21	+3.00	− 1.32	.....	28	..	..	..	1.8	...	...	...
15	4	H.	78	12 59	28 56	−1.07	− 1.36	.....	33	..	..	..	1.3	...	...	...
			83	16 5	28 56	−3.44	.....	.....	26	..	..	..	1.4	...	...	...
16	19	H.	11	13 22	41 20	+2.97	.....	.....	7	..	..	..	2.0	...	...	...
17	19	H.	27	14 32	28 57	−0.88	.....	.....	15	..	..	..	1.7	...	...	...
18	19	H.	21	15 46	27 57	−0.46	.....	.....	10	..	..	..	2.3	...	...	...
19	20	May.	36	15 0	41 51	−0.44	− 1.57	.....	30	..	..	..	2.2	...	...	...
20	21	H.	17	14 2	41 21	+5.03	+ 4.19	.....	14	..	..	..	1.5	...	....	...
21	21	H.	52	16 33	40 50	+2.78	.....	.....	40	..	..	..	1.9	...	...	...
22	25	May.	47	16 10	28 27	+0.77	− 4.46	.....	24	..	..	..	2.1	...	...	...
23	27	May	65	14 16	28 26	−1.90	.....	.....	24	..	..	..	1.7	...	...	...
24	27	May.	64	18 1	27 25	−1.36	.....	− 7.55	31	..	..	..	2.1	...	...	...
25	June 3	May	99	15 25	27 26	−1.33	− 1.16	− 6.75	57	..	..	..	1.9	...	...	...
26	15	H.	124	17 20	41 20	+0.78	− 1.72	.....	51	..	..	..	1.8	...	...	...
27	17	H.	100	17 4	27 56	+0.93	.....	.....	38	..	..	..	1.6	...	...	...
28	18	May.	115	19 0	26 55	−1.21	− 1.88	.....	67	..	..	..	2.2	...	...	...
29	21	May.	13	19 23	40 19	−0.27	− 8.08	.....	10	..	..	..	2.0	...	...	...
30	22	H.	20	17 16	28 58	−2.02	.....	− 3.10	5	..	11	..	1.0	...	1.6	...
31	24	H.	17	15 25	26 27	−0.52[1]	.....	.....	6	..	..	..	2.0	...	...	...
32	24	H.	50	18 29	28 58	−1.44	.....	− 3.14	21	..	..	..	1.5	...	...	...
33	July 1	H.	50	16 10	26 26	+1.01	.....	.....	18	..	..	..	1.8	...	...	...
34	7	H.	9	15 55	42 17	+2.79	−16.33	− 5.15	8	..	..	..	2.3	...	...	...
35	7	H.	17	20 31	26 22	+1.16	.....	.....	10	..	..	..	1.3	...	...	...
36	9	H.	7	16 16	42 53	+8.74	.....	.....	7	..	..	..	1.4	...	...	...
			25	17 20	42 53	+3.87	+ 1.53	− 6.37	14	..	..	..	1.6	...	...	...
37	9	H.	36	18 33	27 56	+1.14	.....	.....	9	..	29	..	1.2	...	1.8	...
38	10	May.	37	17 35	40 19	+2.16	.....	.....	25	..	..	..	1.8	...	...	...
39	10	May.	40	20 21	27 28	−4.72	.....	.....	32	..	..	..	2.5	...	...	...
40	11	H.	15	16 38	43 52	−4.76	.....	.....	13	..	..	..	2.3	...	...	...
41	11	H.	18	17 45	26 26	−0.35	.....	.....	7	..	17	..	2.1	...	1.7	...
42	14	H.	61	17 32	42 20	+0.11	.....	.....	39	..	..	..	1.8	...	...	...
43	14	H.	21	20 46	28 56	+0.58	.....	.....	13	..	..	..	1.0	...	...	...
44	15	May.	18	19 2	44 22	(*)	.....	.....	..	..	..	..	...	...	...	...
45	16	H.	24	21 16	42 51	+3.81	.....	.....	18	..	..	..	1.7	...	...	...
46	24	H.	66	22 0	28 57	+1.45	− 1.82	− 5.99	37	..	..	..	1.5	...	...	...
47	29	H.	11	18 10	41 30	+5.62	−10.01	−14.70	6	..	..	..	1.0	...	...	...
48	29	H.	48	20 0	28 56	+2.27	+ 2.71	.....	17	..	..	..	1.2	...	...	...
49	Aug. 11	H.	26	18 31	40 50	+2.75	.....	.....	16	..	..	..	1.8	...	...	...
50	11	H.	50	22 0	26 25	+1.25	.....	.....	30	..	..	..	1.6	...	...	...
51	12	May.	52	19 22	29 26	−2.77	.....	.....	41	..	..	..	2.1	...	...	...
52	13	H.	42	19 18	28 56	−0.77	.....	.....	30	..	..	..	2.0	...	...	...
53	13	H.	16	20 40	41 20	+2.51	.....	.....	13	..	..	..	1.1	...	...	...
54†	13	H.	18	22 17	27 56	+0.77	.....	.....	15	..	..	..	1.3	...	...	...
55	18	May.	62	19 45	28 25	+1.72	− 2.10	− 4.19	40	..	..	..	1.8	...	...	...
56	29	May.	50	19 44	41 50	+1.98	.....	.....	27	..	..	..	1.9	...	...	...
57	Sept. 9	H.	52	20 58	42 15	+4.02	.....	− 4.37	28	..	..	..	1.9	...	...	...
58	13	May.	91	22 22	29 25	−1.84	.....	.....	68	..	..	..	2.0	...	...	...
59	14	H.	24	19 43	40 56	+2.25	.....	.....	11	..	..	..	1.5	...	...	...
60	14	H.	161	22 9	28 2	+1.11	− 0.62	.....	70	..	..	..	1.7	...	...	...
61	15	May.	32	19 43	29 29	−0.36	− 3.27	.....	27	..	..	..	1.7	...	...	...
62	15	May.	135	23 0	27 28	−1.38	− 0.69	− 4.22	79	..	..	..	2.0	...	...	...
63	16	H.	68	19 50	27 56	+2.15	− 2.17	.....	41	..	..	..	1.2	...	...	...
64	16	H.	59	23 10	41 20	+4.05	.....	.....	28	..	..	..	2.1	...	...	...
65	16	H.	37	2 4	27 58	−9.16	−13.94	.....	20	..	..	..	1.7	...	...	...
66	19	May.	173	22 42	25 55	−1.67	.....	− 3.26	103	..	..	..	1.8	...	...	...
67	21	H.	24	20 40	43 51	+3.02	− 3.62	.....	20	..	..	..	2.3	...	...	...
68	22	May.	166	21 56	25 25	−5.03	.....	.....	88	..	..	..	1.9	...	...	...

---

[1] Value checked by comparison with Washington Zones.

* Declination rejected.

† The original records, Zones 1 to 54, have been obscured by having the pencil figures inked over.

TABLE I.—*Register of Zones—Meridian Circle Declinations*—Continued.

Zone.	Date.	Obs'r.	No. of Stars.	Mean R. A.	Mean South Decl.	Zone Corr.	Change per—		No. of Stars Used.				ε.			
							Hour.	Degree.	Gou	AW	WaZ	AG	Gou	AW	WaZ	AG
	1846			h m	° ′	″	″	″					″	″	″	″
69	Sept. 23	H.	161[1]	21 45	24 55	− 0.16	.....	.....	89	..	..	..	1.6	...	...	...
70	24	May.	94	22 34	24 55	− 2.54	.....	− 3.31	60	..	..	..	1.5	...	...	...
71	Oct. 7	May.	69	22 1	26 55	− 3.63	.....	.....	33	..	..	..	1.8	...	...	...
72	8	May.	92	22 20	28 24	+ 0.18	− 0.68	− 2.59	55	..	..	..	1.9	...	...	...
73	9	May.	10	20 44	40 20	+ 1.04	.....	.....	7	..	..	..	1.7	...	...	...
74	11	May.	30	23 28	40 18	− 6.61[2]	.....	.....	19	..	..	..	2.8	...	...	...
75	16	May.	24	22 32	41 52	+ 5.46	− 1.98	− 4.64	20	..	16	..	3.0	...	2.6	...
76	17	May.	19	22 20	43 27	+ 4.18[2]	+ 1.60	.....	15	..	..	..	2.7	...	...	...
77	19	May.	56	22 35	44 17	+ 5.79	− 0.99	− 5.51	44	..	..	..	2.6	...	...	...
78	21	May.	19	21 52	40 19	+ 4.33	.....	.....	8	..	10	..	2.0	...	2.4	...
79	28	May.	55	2 50	43 22	− 0.10	+ 0.59	− 4.38	43	..	..	..	2.8	...	...	...
80	Nov. 21	May.	14	0 0	43 14	+ 2.51	.....	−12.85	12	..	..	..	1.5	...	...	...
81	1847 Jan. 6	May.	52	3 29	32 19	− 3.79	.....	.....	41	..	..	..	2.1	...	...	...
82	22	May.	12	4 21	30 41	− 0.07	.....	.....	9	..	..	..	1.2	...	...	...
83	Feb. 1	May.	175	5 48	30 40	+ 3.64	.....	− 4.15	80	..	..	..	1.5	...	...	...
84	5	May.	236	7 50	27 32	+ 0.33	+ 0.34	− 2.95	118	..	..	..	1.9	...	...	...
85	5	May.	44	11 22	27 33	+ 2.67	.....	− 5.14	27	..	..	..	1.4	...	...	...
86	11	May.	96	9 10	28 13	+ 1.37	.....	− 4.47	46	..	..	..	1.5	...	...	...
87	Mar. 5	Maj.	65	9 32	30 42	(*)	.....	.....	..	..	..	..	...	...	...	...
88	14	Maj.	125	12 35	30 4	− 3.16[2]	.....	.....	57	..	..	..	2.8	...	...	...
89	18	Maj.	60	8 40	29 29	−10.49	.....	.....	31	..	..	..	2.1	...	...	...
90†	24	Maj.	121	9 44	31 22	− 9.37	− 1.76	− 4.96	42	..	85	..	2.8	...	2.4	...
91	Apr. 9	Maj.	26	9 51	28 49	+ 4.98	.....	.....	16	..	..	..	1.6	...	...	...
			41	10 51	28 49	(*)	.....	.....	..	..	..	..	...	...	...	...
			53	12 51	28 49	+ 1.92	− 4.06	.....	26	..	..	..	2.0	...	...	...
92	11	Maj.	121	11 50	28 12	(*)	.....	.....	..	..	..	..	...	...	...	...
93	13	Maj.	25	10 11	26 56	+ 0.20	+ 5.78	.....	7	..	18	..	1.6	...	1.8	...
94	15	Maj.	92	16 55	28 49	(*)	.....	.....	..	..	..	..	...	...	...	...
95	18	Maj.	96	11 40	29 30	+ 3.50	− 1.94	−15.54	39	..	..	..	2.6	...	...	...
96	22	Maj.	81	16 45	30 4	− 0.03	− 2.33	.....	28	..	..	..	1.5	...	...	...
97	25	Maj.	170	15 32	29 28	− 3.41	.....	.....	75	..	..	..	2.6	...	...	...
98	May 4	Maj.	69	13 30	26 25	− 2.39	− 0.99	.....	32	..	..	..	2.4	...	...	...
99	6	Maj.	112	13 0	26 55	+ 6.94	− 0.87	− 5.78	47	..	..	..	2.6	...	...	...
100[3] 187	6	Maj.	61 16	17 24	26 56	+ 2.01	+ 0.98	− 7.13	39	..	..	..	1.9	...	...	...
101	June 21	Ms.	38	17 20	27 38	− 8.45	+ 1.15	−10.00	19	..	..	..	2.0	...	...	...
102	25	Ms.	36	19 10	26 21	+11.89	− 1.62	.....	18	..	..	..	1.8	...	...	...
103	Aug. 30	Ms.	11	18 30	25 3	− 4.83	−17.82	.....	4	..	10	..	1.2	...	2.7	...
104	30	Ms.	46	19 50	25 0	(*)	.....	.....	..	..	..	..	...	...	...	...
105	Sept. 6	Ms.	48	20 43	26 21	−11.86	− 7.42	.....	17	..	..	..	2.3	...	...	...
106	6	Ms.	20	0 22	26 20	− 3.98	.....	− 8.34	11	..	19	..	2.3	...	1.5	...
107	16	Ms.	89	21 11	27 0	− 1.08	− 0.58	− 5.63	38	..	..	..	1.5	...	...	...
108	16	Ms.	27	2 15	27 0	+ 8.68	.....	.....	18	..	..	..	1.8	...	...	...
109	Oct. 4	Ms.	62	22 30	25 6	− 0.09	.....	− 9.83	28	..	..	..	2.5	...	...	...
110	18	Ms.	26	23 32	26 18	+ 4.21	.....	.....	12	..	..	..	2.6	...	...	...
111	18	Ms.	49	2 0	26 16	+ 5.21	.....	− 8.75	24	..	..	..	2.0	...	...	...
112	26	Ms.	9	21 12	24 30	+ 1.85	.....	−14.94	5	..	8	..	2.5	...	3.8	...
113	28	Ms.	61	22 38	24 26	−10.13	− 1.98	.....	29	..	..	..	2.1	...	...	...
114	28	Ms.	26	2 10	24 26	+ 0.06	.....	.....	14	..	13	..	3.1	...	3.2	...
115	Nov. 20	Ms.	22	0 24	22 32	+ 6.34	.....	−13.63	5	..	18	..	1.3	...	2.3	...
116	Dec. 7	Ms.	73	1 49	22 43	+ 0.12	.....	−11.91	11	..	38	..	3.0	...	2.5	...
117	1848 Jan. 19	Ms.	17	2 47	22 29	+ 2.00	.....	− 6.48	..	9	..	..	...	1.9	...	...
118	19	Ms.	58	6 57	22 40	− 1.80	.....	.....	12	..	16	..	2.9	...	3.1	...
119	Mar. 24	Ms.	30	10 2	22 33	+ 6.22	.....	.....	7	..	6	..	1.8	...	2.8	...
120	29	Ms.	48	10 10	23 10	+ 8.58	+ 1.58	− 5.89	26	..	28	..	2.8	...	3.6	...
121	29	Ms.	19	12 29	23 10	+ 5.06	.....	+ 8.52	9	..	14	..	1.7	...	2.5	...
122	May 3	Ms.	68	12 40	22 35	− 2.92	− 0.72	− 8.62	13	..	42	..	1.9	...	2.6	...
123	3	Ms.	12	15 3	22 33	− 5.12	.....	+ 4.72	..	6	..	..	...	1.2	...	...
124	27	Maj.	104	14 30	25 41	+ 3.55	+ 1.08	.....	42	..	..	..	1.7	...	...	...
125	30	Maj.	50	16 50	25 43	+ 0.56	− 2.04	.....	17	..	..	..	1.3	...	...	...
126	31	Maj.	23	13 38	25 4	− 1.91	.....	.....	5	..	17	..	2.6	...	1.8	...
127	June 12	Ms.	57	18 8	22 33	(*)	.....	.....	..	..	..	..	...	...	...	...
128	16	Ms.	45	16 22	24 19	− 1.74	.....	− 6.59	19	..	27	..	2.9	...	2.7	...
129	26	Ms.	119	18 21	23 48	(*)	.....	.....	..	..	..	..	...	...	...	...
130	July 10	Ms.	15	17 55	23 11	− 4.92	−10.48	.....	6	..	10	..	1.2	...	1.1	...
131	17	Ms.	61	18 14	23 10	(*)	.....	.....	..	..	..	..	...	...	...	...
132	18	Maj.	126	18 32	23 48	+ 0.55	.....	.....	56	..	..	..	1.6	...	...	...
133	19	Ms.	127	19 16	21 21	+ 8.75	.....	.....	19	..	..	..	2.5	...	...	...
134	20	Maj.	182	19 51	31 18	+ 3.51	.....	.....	67	..	..	..	1.7	...	...	...
135	24	Ms.	51	21 2	22 42	+ 1.00	.....	− 6.71	9	..	27	..	2.6	...	2.0	...

---

[1] Nos. 162 and 163 rejected. Observed, after an observation of *a* Ursae Minoris, at 1^h, not at 0^h as published.

[2] Value checked by comparison with Washington Zones.

[3] Zone 187, the first one of the unpublished zones, is a continuation of Zone 100, and the two have been treated as one for the determination of the zone correction.

* Declination rejected.

† The original records have been obscured by having the pencil figures inked over.

TABLE I.—*Register of Zones—Meridian Circle Declinations*—Continued.

Zone.	Date.	Obs'r.	No. of Stars.	Mean R. A.	Mean South Decl.	Zone Corr.	Change per—		No. of Stars Used.				Δδ.			
							Hour.	Degree.	Gou	AW	WaZ	AG	Gou	AW	WaZ	AG
	1848			h m	° ′	″	″	″					″	″	″	″
136	Aug. 4	Ms.	51	20 58	22 33	− 3.25	.....	.....	11	..	..	..	1.7	...	...	...
137	7	Ms.	125	20 12	19 57	+ 5.32	.....	−13.66	19	..	..	..	1.9	...	...	...
138	14	Maj.	60	19 56	24 23	− 3.31	+ 1.49	.....	35	..	..	..	1.5	...	...	...
139	16	Maj.	81	18 29	25 41	+ 1.63	.....	.....	37	..	..	..	1.5	...	...	...
140	16	Maj.	43	21 10	24 26	+ 1.03	− 3.63	.....	17	..	..	..	1.3	...	...	...
141	18	Maj.	119	20 40	19 29	+ 1.11	− 1.86	.....	24	..	..	..	1.4	...	...	...
142	24	Ms.	15	23 0	20 6	− 9.77	− 8.35	.....	..	11	..	..	...	1.9	...	...
143	29	Maj.	8	23 26	20 48	+ 2.59	.....	+ 4.95	..	6	..	..	...	0.8	...	...
144	30	Ms.	70	21 0	21 2	+ 7.01	.....	.....	13	..	..	..	2.1	...	...	...
145	30	Ms.	34	23 13	21 6	− 7.11	− 3.90	− 8.82	..	18	..	..	...	1.9	...	...
146	Sept. 1	Ms.	107	20 27	20 40	+ 2.05	− 1.74	.....	..	56	..	..	...	2.3	...	...
147	1	Ms.	4	23 11	19 26	(*)	.....	.....	..	..	..	..	...	...	...	...
			57	0 7	19 26	− 9.81[1]	.....	+ 8.59[1]	8	..	7	..	1.8	...	2.6	...
148	2	Maj.	149	20 25	23 14	− 0.60	− 0.86	+ 4.24	70	..	..	..	1.6	...	...	...
149	18	Ms.	75	20 39	18 10	−10.55	.....	.....	12	..	..	..	1.4	...	...	...
150	Oct. 5	Maj.	24	23 12	17 31	+ 1.42	.....	.....	..	..	..	23	...	...	...	1.4
151	6	Ms.	50	23 42	18 50	− 9.54	− 1.90	.....	..	37	..	..	...	2.2	...	...
152	7	Maj.	46	23 15	21 16	+ 2.36	.....	.....	..	26	..	..	...	1.6	...	...
153	14	Ms.	93	22 13	16 53	(*)	.....	.....	..	..	..	..	...	...	...	...
154	Nov. 28	Maj.	52	3 19	26 56	+ 5.35	.....	.....	29	..	..	..	1.6	...	...	...
155	28	Maj.	80	6 48	29 26	+ 5.95	.....	.....	34	..	..	..	1.7	...	...	...
156	Dec. 2	Maj.	59	23 52	21 55	+ 0.67[2]	.....	.....	6	..	..	..	1.0	...	...	...
157	4	Maj.	32	3 36	21 57	+ 7.01	.....	+ 3.51	..	17	..	..	...	2.3	...	...
158	18	Maj.	47	4 55	27 32	+ 1.86	.....	.....	37	..	..	..	1.6	...	...	...
	1849															
159	Jan. 23	Maj.	120	6 31	31 17	+ 2.81	.....	− 3.70	53	..	..	..	2.0	...	...	...
160	27	Maj.	53	4 1	31 17	− 0.94	.....	.....	37	..	..	..	2.0	...	...	...
161	Feb. 9	Maj.	67	5 38	29 26	− 0.82	.....	.....	45	..	..	..	1.3	...	...	...
162	10	Maj.	69	5 47	30 2	+ 4.94	.....	.....	39	..	..	..	1.8	...	...	...
163	16	Maj.	51	5 29	26 20	− 2.63	.....	.....	29	..	..	..	1.5	...	...	...
164	19	Maj.	111	7 2	21 55	− 1.57	.....	.....	15	..	..	..	1.4	...	...	...
165	23	Maj.	133	7 10	30 40	− 2.16	+ 3.07	.....	45	..	..	..	1.6	...	...	...
166	Mar. 7	Maj.	99	8 45	33 51	+ 1.46	.....	.....	29	..	..	..	1.7	...	...	...
167	8	Maj.	33	6 27	33 48	− 0.28	.....	.....	20	..	..	..	1.3	...	...	...
168	19	Maj.	121	9 40	35 42	+ 0.98	.....	.....	30	..	..	..	2.3	...	...	...
169	22	Maj.	73	7 26	33 48	+ 3.07	.....	.....	22	..	..	..	1.6	...	...	...
170	22	Maj.	85	13 50	33 48	+ 0.64	.....	.....	27	..	..	..	1.9	...	...	...
171	24	Maj.	33	7 47	36 18	− 0.78	.....	.....	24	..	..	..	1.5	...	...	...
172	30	Maj.	137	13 32	31 57	+ 0.64	− 0.71	.....	49	..	..	..	1.6	...	...	...
173	Apr. 2	Maj.	122	12 20	38 47	+ 4.30	− 0.66	+ 2.83	61	..	..	..	1.7	...	...	...
174	5	Maj.	62	9 35	27 11	− 0.74	.....	.....	26	..	..	..	1.3	...	...	...
175	5	Maj.	76	14 22	24 26	− 3.30	.....	.....	22	..	..	..	1.6	...	...	...
176	10	Maj.	58	11 34	25 2	− 0.93	.....	+ 3.69	22	..	..	..	1.4	...	...	...
177	11	Maj.	174	11 32	25 0	− 1.00	.....	.....	60	..	..	..	1.4	...	...	...
178	14	Maj.	36	10 34	27 34	− 1.63	.....	+ 7.09	14	..	..	..	1.7	...	...	...
179	16	Maj.	141	11 47	23 47	− 1.28	.....	.....	59	..	..	..	1.7	...	...	...
180	May 2	Maj.	24	15 5	26 56	+ 0.92	.....	.....	..	..	14	..	...	...	1.6	...
181	19	Maj.	16	12 15	40 50	+ 1.59	.....	.....	9	..	9	..	1.7	...	2.5	...
182	19	Maj.	46	14 13	30 42	− 0.22	− 2.33	.....	29	..	..	..	1.4	...	...	...
183	23	Maj.	10	13 14	23 11	− 1.28	.....	.....	6	..	..	..	1.1	...	...	...
184	June 22	Maj.	67	16 12	22 47	(*)	.....	.....	..	..	..	..	...	...	...	...
185	July 24	Maj.	14	16 47	31 21	+ 3.74[2]	.....	.....	8	..	..	..	1.3	...	...	...
186	Aug. 25	Maj.	50	18 28	19 26	+ 2.95	.....	.....	15	..	..	..	1.7	...	...	...
	1847															
187	May 6	Maj.	16	.. ..	.. ..	(3)	.....	.....	..	..	..	..	...	...	...	...
188	18	Maj.	58	14 34	27 34	− 0.27	.....	.....	33	..	..	..	2.4	...	...	...
189	28	Maj.	140	17 35	28 11	+ 2.62	.....	− 5.11	55	..	..	..	1.7	...	...	...
190	June 11	Maj.	148	16 40	30 2	+ 2.07	.....	− 4.04	55	..	..	..	1.8	...	...	...
191	17	Maj.	84	16 30	26 10	− 0.46	.....	− 4.45	33	..	..	..	2.0	...	...	...
192	24	Maj.	72	15 58	30 42	− 1.44	.....	− 7.71	27	..	..	..	1.1	...	...	...
193	26	Maj.	24	18 19	26 18	− 6.02	.....	−11.37	10	..	17	..	1.7	...	2.2	...
194	July 4	Maj.	52	17 57	26 18	+ 4.81	− 0.96	− 7.03	31	..	..	..	1.7	...	...	...
195	18	Maj.	212	20 20	27 33	+ 0.57	− 0.34	− 7.18	103	..	..	..	2.3	...	...	...
196	Aug. 2	Maj.	137	21 35	25 43	+ 0.02	.....	− 6.59	73	..	..	..	2.2	...	...	...
197	5	Maj.	13	17 2	5 3	(**)	.....	.....	..	..	..	..	...	...	...	...
198	11	Maj.	33	20 43	30 45	+ 8.42	.....	− 4.89	19	..	..	..	1.1	...	...	...
			15	21 43	30 45	+ 2.73	.....	.....	9	..	..	..	1.6	...	...	...
199	26	Maj.	118	20 19	28 56	− 2.20	.....	− 4.00	61	..	..	..	2.2	...	...	...
200	29	Maj.	18	20 0	26 18	+ 3.48	− 8.84	.....	10	..	14	..	1.8	...	2.3	...
201	Sept. 4	Maj.	48	21 12	26 17	− 0.51	.....	.....	19	..	..	..	2.2	...	...	...
202	13	Maj.	118	22 12	28 15	+ 2.67	.....	.....	69	..	..	..	1.7	...	...	...
203	15	Maj.	104	21 45	30 4	+ 0.37	.....	− 6.43	60	..	..	..	2.3	...	...	...
204	17	Maj.	190	22 6	29 26	+ 6.66	− 0.72	− 5.97	98	..	..	..	2.3	...	...	...
205	21	Maj.	124	22 16	26 15	+ 5.81	.....	.....	54	..	..	..	2.1	...	...	...
206	Oct. 16	Maj.	205	1 6	30 40	+ 0.77	.....	− 3.24	90	..	..	..	2.1	...	...	...
207	20	Maj.	11	20 13	13 58	+ 9.34	.....	.....	..	..	..	8	...	...	...	1.9
208	20	Maj.	36	22 7	28 48	+ 1.06	.....	.....	21	..	..	..	1.9	...	...	...
209	25	Maj.	37	22 26	28 50	− 0.42	− 4.53	− 9.50	24	..	..	..	1.6	...	...	...
210	27	Maj.	56	3 6	25 44	+ 6.83	− 5.30	− 7.83	26	..	..	..	1.7	...	...	...

[1] Value checked by comparison with Argelander.
[2] Value checked by comparison with Washington Zones.
[3] See Zone 100.

* Declination rejected.
** Zone rejected.

TABLE I.—*Register of Zones—Meridian Circle Declinations*—Continued.

Zone.	Date.	Obs'r.	No. of Stars.	Mean R. A.	Mean South Decl.	Zone Corr.	Change per—		No. of Stars Used.				Δδ.			
							Hour.	Degree.	Gou	AW	WaZ	AG	Gou	AW	WaZ	AG
	1847			h m	° ′	″	″	″					″	″	″	″
211	Nov. 2	Maj.	21	23 10	25 40	− 2.67	.....	.....	12	..	18	..	1.8	...	1.7	...
212	2	Maj.	144	3 56	25 42	+ 0.53	+ 1.19	− 4.43	67	..	..	..	2.3	...	...	...
213	29	Maj.	19	4 40	14 46	(**)	.....	.....	..	..	..	..	...	...	...	...
214	Dec. 6	Maj.	84	2 40	30 6	+ 1.18	− 2.24	− 5.90	39	..	..	..	1.7	...	...	...
215	6	Maj.	90	8 7	25 44	+ 0.08	.....	− 6.01	43	..	..	..	2.1	...	...	...
216	14	Maj.	62	3 22	25 2	+ 0.68	.....	.....	38	..	..	..	2.3	...	...	...
217	14	Maj.	81	5 34	28 8	+ 1.47	.....	.....	27	..	..	..	1.5	...	...	...
	1848															
218	Jan. 4	Maj.	83	5 55	28 50	+ 1.64	.....	.....	39	..	..	..	1.9	...	...	...
219	18	Maj.	88	5 44	28 11	+ 3.03	.....	.....	49	..	..	..	1.6	...	...	...
220	20	Maj.	200	6 56	22 56	+ 2.60	.....	.....	69	..	..	..	1.4	...	...	...
221	22	Maj.	211	7 1	25 41	0.00	− 0.63	.....	92	..	..	..	2.0	...	...	...
222	24	Maj.	33	7 22	26 56	− 2.24	.....	.....	15	..	..	..	1.7	...	...	...
223	29	Maj.	25	7 5	25 2	− 5.86[1]	.....	.....	9	..	..	..	1.3	...	...	...
224	Mar. 7	Maj.	52	9 42	26 18	+ 2.40	.....	.....	27	..	..	..	1.8	...	...	...
225	Apr. 1	Maj.	38	11 17	27 34	+ 2.87	− 3.78	.....	26	..	..	..	1.6	...	...	...
226	20	Maj.	7	10 49	27 28	− 5.11	.....	− 8.34	..	..	5	..	..	...	0.9	...
227	20	Maj.	93	12 38	27 36	+ 2.67	.....	.....	40	..	..	..	1.8	...	...	...
	1851															
228	Feb. 18	Maj.	41	8 43	26 17	− 7.45	.....	.....	13	..	..	..	1.5	...	...	...
229	22	Maj.	43	7 48	21 16	− 1.32	− 3.86	.....	..	20	..	..	...	2.3	...	...
230	25	Maj.	34	7 40	23 8	− 2.44	.....	.....	19	..	..	..	1.5	...	...	...
231	Mar. 11	Maj.	23	8 18	22 31	+ 1.24	+ 6.50	.....	4	8	7	..	1.4	1.7	1.5	...
232	11	Maj.	37	9 27	20 40	− 8.42	.....	.....	..	23	..	..	...	2.5	...	...
233	21	Maj.	36	9 31	20 37	+ 0.77	.....	.....	..	21	..	..	...	1.3	...	...
234	24	Maj.	81	9 32	20 40	+ 1.10	.....	.....	..	48	..	..	...	1.8	...	...
235	26	Maj.	134	9 11	20 37	+ 1.74	.....	.....	12	..	..	..	1.5	...	...	...
236	28	Maj.	74	9 28	19 26	+ 1.84	.....	− 6.47	..	42	..	..	...	2.0	...	...
237	Apr. 9	Maj.	39	10 31	19 58	+ 0.19	.....	+ 3.16	..	16	..	..	...	1.4	...	...
238	18	Maj.	49	11 25	19 55	− 1.75	+ 6.10	.....	..	22	..	..	...	1.7	...	...
239	22	Maj.	50	11 22	23 8	+ 0.49	.....	.....	24	..	..	..	2.0	...	...	...
240	May 7	Maj.	44	13 22	21 19	− 0.37	− 3.20	− 4.53	..	23	..	..	...	1.1	...	...
241	June 7	Maj.	32	15 56	20 44	+ 0.94	− 4.52	− 8.02	6	..	27	..	1.5	...	1.8	...
242	Sept. 1	Maj.	49	20 8	18 47	+ 3.04	.....	.....	10	..	..	..	0.7	...	...	...
243	4	Maj.	40	20 49	17 32	− 4.68	+ 3.68	.....	11	..	..	..	1.1	...	...	...
244	Oct. 3	Maj.	45	21 52	16 29	+ 0.11	+ 1.96	+ 2.87	..	14	..	..	...	2.0	...	...
245	Dec. 11	Maj.	18	23 38	18 45	− 2.24	.....	.....	..	14	..	..	...	1.4	...	...
	1852															
246	May 4	Maj.	34	12 46	20 4	+ 0.20	.....	.....	..	16	..	..	...	1.8	...	...
247	6	Maj.	44	12 30	19 25	+ 1.20	.....	.....	..	20	..	..	...	1.6	...	...
248	18	Maj.	48	15 32	19 24	− 0.03	.....	.....	15	..	..	..	1.2	...	...	...
249	25	D. M.	28	14 26	20 3	− 4.09	+ 8.78	.....	..	12	..	..	...	1.4	...	...
250	July 21	Maj.	20	19 39	16 54	+ 0.04	+11.04	+11.36	..	15	..	..	...	1.6	...	...
251	Sept. 28	D. M.	36	22 9	21 22	− 1.32	.....	− 5.33	..	18	..	..	...	1.7	...	...
252	Nov. 10	Maj.	19	23 56	17 32	− 2.87	.....	.....	..	11	..	..	...	1.9	...	...

---

[1] Value checked by comparison with Washington Zones.

** Zone rejected.

TABLE I.—*Register of Zones—Mural Circle Right Ascensions.*

[For explanation of this table, see page XIV.]

Zone.	Date.	Obs'r.	No. of Stars.	Mean R. A.	Mean South Decl.	Zone Corr.	Change per—		Nō. of Stars Used.				Δα cos δ.			
							Hour.	Degree.	Gou	AW	WaZ	AG	Gou	AW	WaZ	AG
	1846			h m	° ′	s	s	s					s	s	s	s
1†	Apr. 6	C.	25	15 5	39 26	−0.194	−1.406	.....	15	..	..	..	0.19	....	....	....
2	9	Pa.	35	10 1	39 33	−0.112	.....	+1.945	9	..	17	..	0.15	....	0.20	....
3†	13	C.	49	11 5	39 32	+0.03	.....	.....	12	..	..	..	0.10	....	....	....
4	14	Pa.	19	9 57	39 31	+0.17	.....	.....	..	..	8	..	....	....	0.18	....
5	15	Pa.	25	10 6	38 51	+0.05	.....	.....	17	..	..	..	0.16	....	....	....
6†	16	C.	41	11 10	37 36	−0.054	−0.255	.....	15	..	..	..	0.12	....	....	....
7†	16	C.	24	14 47	37 36	−0.15	.....	.....	12	..	..	..	0.15	....	....	....
8	17	Pa.	42	10 45	36 20	0.000	−0.129	.....	19	..	..	..	0.11	....	....	....
9†	18	C.	48	10 40	35 5	−0.063	−0.145	.....	21	..	..	..	0.14	....	....	....
10	20	Pa.	114	11 25	33 50	−0.012	−0.211	.....	23	..	..	..	0.14	....	....	....
11	27	Pa.	41	10 50	32 30	+0.267	+0.631	.....	21	..	..	..	0.19	....	....	....
12	May 4	Pa.	57	11 50	31 19	−0.234	+0.227	+0.891	17	..	..	..	0.13	....	....	....
13	19	Pa.	34	14 29	30 4	−0.058	.....	+0.918	14	..	..	..	0.16	....	....	....
14†	20	C.	82	15 18	35 5	+0.235	+0.158	.....	37	..	..	..	0.14	....	....	....
15	21	Pa.	70	15 35	38 51	+0.011	−0.088	.....	43	..	..	..	0.12	....	....	....
16	25	Pa.	80	15 44	36 20	+0.269	−0.114	.....	44	..	..	..	0.13	....	....	....
17†	27	C.	42	14 30	37 36	+0.08	.....	.....	21	..	..	..	0.17	....	....	....
18†	27	C.	3	19 29	37 34	(**)	.....	.....	..	..	..	..	....	....	....	....
19	June 3	Pa.	118	15 7	31 17	−0.049	+0.147	.....	49	..	..	..	0.12	....	....	....
20†	4	C.	13	14 55	33 47	+0.224	−0.698	−0.741	10	..	..	..	0.10	....	....	....
21	6	Pa.	18	13 53	32 33	+0.211	+0.785	−3.624	11	..	..	..	0.11	....	....	....
22†	15	C.	114	16 38	33 49	−0.162	+0.116	.....	38	..	..	..	0.10	....	....	....
23	16	Pa.	18	14 51	32 32	+0.115	.....	−0.576	13	..	..	..	0.15	....	....	....
24†	17	C.	67	16 33	37 35	+0.011	+0.102	.....	29	..	..	..	0.11	....	....	....
25	18	Pa.	110	18 14	32 33	+0.03	.....	.....	53	..	..	..	0.13	....	....	....
26†	22	C.	13	17 18	33 50	−0.019	+1.48	.....	8	..	..	..	0.10	....	....	....
27	24	Pa.	64	16 45	28 48	−0.06	.....	.....	38	..	..	..	0.14	....	....	....
28†	July 1	C.	45	16 5	30 0	+0.017	−0.134	.....	15	..	..	..	0.08	....	....	....
29	7	Pa.	55	16 26	27 33	−0.207	+0.579	.....	26	..	..	..	0.12	....	....	....
30	7	Pa.	26	20 21	27 33	+0.323	−0.395	.....	21	..	..	..	0.09	....	....	....
31	9	Pa.	98	17 32	26 18	+0.059	+0.068	.....	52	..	..	..	0.14	....	....	....
32†	10	C.	17	16 40	30 4	+0.254	−0.864	.....	7	..	12	..	0.10	....	0.12	....
33†	10	C.	62	17 58	35 0	−0.065	+0.211	+0.592	33	..	..	..	0.11	....	....	....
34	11	Pa.	41	17 11	40 12	−0.696	−0.144	+2.15	19	..	..	..	0.16	....	....	....
35†	14	C.	11	17 37	35 42	−0.04	.....	.....	6	..	..	..	0.11	....	....	....
36	14	C.	75	19 15	33 49	+0.078	+0.129	.....	41	..	..	..	0.12	....	....	....
37	15	Pa.	104	18 17	30 4	−0.15	.....	.....	36	..	..	..	0.17	....	....	....
38†	24	C.	24	22 15	31 18	+0.09[1]	.....	.....	9	..	..	..	0.09	....	....	....
39	29	C.	30	18 22	31 18	+0.463	−0.804	.....	7	..	23	..	0.09	....	0.17	....
40	29	C.	31	20 16	31 18	+0.16	.....	.....	15	..	..	..	0.10	....	....	....
41†	Aug. 5	C.	8	17 30	27 40	−0.423	.....	−1.352	5	..	7	..	0.10	....	0.14	....
42	11	Pa.	72	18 43	25 3	−0.006	.....	+0.310	36	..	..	..	0.14	....	....	....
43	11	Pa.	20	21 55	25 2	+0.30	.....	.....	9	..	..	..	0.10	....	....	....
44	12	C.	89	19 31	31 17	−0.086	+0.081	+0.687	34	..	..	..	0.12	....	....	....
45	13	Pa.	60	18 51	27 33	+0.082	+0.438	.....	24	..	..	..	0.14	....	....	....
46	13	Pa.	38	21 3	23 47	+0.12	.....	.....	18	..	..	..	0.17	....	....	....
47	18	C.	79	19 31	28 46	+0.219	.....	−0.768	49	..	..	..	0.11	....	....	....
48	20	Pa.	42	18 53	37 35	+0.14	.....	.....	24	..	..	..	0.12	....	....	....
49	29	C.	57	19 40	36 19	+0.19	.....	.....	36	..	..	..	0.11	....	....	....
50	31	Pa.	3	19 18	26 18	(**)	.....	.....	..	..	..	..	....	....	....	....
51	Sept. 9	C.	14	19 47	32 20	−0.089	−0.957	+1.384	6	..	1[3] 5	..	0.08	....	0.38 0.09	....
52	9	C.	25	21 30	32 35	+0.02	.....	.....	10	..	..	..	0.14	....	....	....
53	13	Pa.	57	21 30	35 4	+0.18	.....	.....	26	..	..	..	0.11	....	....	....
54	14	C.	26	19 30	35 4	+0.124	−0.091	.....	14	..	..	..	0.11	....	....	....
55	14	C.	40	21 50	36 18	−0.411	.....	+1.626	27	..	..	..	0.11	....	....	....
56	15	Pa.	117	21 30	26 17	+0.004	+0.110	.....	59	..	..	..	0.15	....	....	....
57	16	C.	59	22 15	38 50	+0.15	.....	.....	31	..	..	..	0.16	....	....	....
58	19	Pa.	19	20 0	30 3	+0.378	−0.339	.....	10	..	..	..	0.08	....	....	....
59	19	Pa.	47	22 10	33 43	−0.150	+0.081	+0.840	25	..	..	..	0.13	....	....	....
60	21	C.	52	20 53	37 32	+1.007[2]	.....	+0.501	15	..	..	..	0.12	....	....	....
61†	23	C.	89	21 30	30 2	+0.236	+0.136	+1.122	56	..	..	..	0.12	....	....	....
62	24	Pa.	13	19 52	38 41	+0.571[2]	.....	+0.624	7	..	..	..	0.05	....	....	....
63	24	Pa.	75	22 46	28 48	−0.363	.....	+1.470	43	..	..	..	0.11	....	....	....
64	28	Pa.	25	20 24	24 59	+0.805	−0.334	−1.713	7[3] 10	..	8[3] 15	..	0.21 0.15	....	0.25 0.14	....
65	28	Pa.	14	21 15	27 33	−0.01	.....	.....	8	..	..	..	0.19	....	....	....
66	30	Pa.	66	22 50	27 32	+0.063	−0.076	+0.399	32	..	..	..	0.14	....	....	....
67	Oct. 6	Pa.	12	23 3	32 33	−0.12	.....	.....	6	..	9	..	0.16	....	0.18	....
68†	7	C.	25	22 36	32 30	+0.10	.....	.....	14	..	..	..	0.16	....	....	....
69	8	Pa.	19	23 8	37 30	+1.032[2]	.....	+0.660	10	..	..	..	0.14	....	....	....
70†	9	C.	53	1 12	26 16	+0.633	.....	+1.188	25	..	..	..	0.12	....	....	....
71	10	Pa.	29	23 49	36 17	−0.592	+0.222	+1.524	12	..	..	..	0.19	....	....	....

---

[1] Value checked by comparison with Washington Zones.

[2] Includes a_2.

[3] One-thread observations to which half weight only was given in solving for zone corrections.

** Zone rejected.

† The original records have been obscured by having the pencil figures inked over.

TABLE I.—*Register of Zones—Mural Circle Right Ascensions*—Continued.

Zone.	Date.	Obs'r.	No. of Stars.	Mean R. A.	Mean South Decl.	Zone Corr.	Change per—		No. of Stars Used.				$\Delta\alpha \cos \delta$.			
							Hour.	Degree.	Gou	AW	WaZ	AG	Gou	AW	WaZ	AG
	1846			h m	° ′	s	s	s					s	s	s	s
72†	Oct. 16	C.	10	21 45	40 8	+1.341[1]	.....	+0.780	6	..	..	..	0.09	....	....	....
73†	16	C.	11	23 22	32 24	−0.572	.....	+2.146	6	..	8	..	0.16	....	0.19	....
74	17	Pa.	33	22 10	40 5	+0.339	−0.510	.....	15	..	..	..	0.09	....	....	....
75	19	C.	27	23 50	31 18	+0.511	−0.270	.....	10	..	..	..	0.11	....	....	....
76	26	C.	53	0 34	30 0	+0.532	+0.119	+0.656	33	..	..	..	0.12	....	....	....
77	28	C.	32	23 45	32 33	+0.645	+0.378	.....	15	..	..	..	0.11	....	....	....
78	28	C.	38	2 55	32 33	+0.06	.....	.....	27	..	..	..	0.16	....	....	....
79	Nov. 16	Pa.	42	2 40	28 28	+0.246	+0.298	.....	23	..	..	..	0.14	....	....	....
80	20	Pa.	6	1 10	36 17	+0.050	+0.684	−1.842	4	..	..	..	0.00	....	....	....
81	20	Pa.	23	2 46	31 18	+0.05	.....	.....	18	..	..	..	0.14	....	....	....
82	21	C.	7	0 7	33 38	−0.060	.....	+7.820	..	..	5	..	....	....	0.12	....
83	Dec. 3	Pa.	27	1 13	35 6	−0.270	−1.188	−1.009	11	..	..	..	0.12	....	....	....
84	4	C.	15	0 6	33 45	+0.039	.....	+1.498	5	..	8	..	0.15	....	0.16	....
85	23	C.	30	1 5	33 51	−0.007	.....	−0.480	17	..	..	..	0.11	....	....	....
	1847															
86	Jan. 6	C.	62	3 30	30 40	+0.201	+0.325	.....	47	..	..	..	0.14	....	....	....
87	22	C.	14	4 12	31 24	+0.096	−0.492	.....	6	..	10	..	0.18	....	0.25	....
88	27	Pa.	100	6 0	30 2	+0.061	+0.102	+0.430	45	..	..	..	0.18	....	....	....
89	Feb. 1	C.	44	4 32	31 18	−0.13	.....	.....	27	..	..	..	0.14	....	....	....
90	5	Pa.	75	8 48	29 26	+0.157	−0.045	.....	35	..	..	..	0.14	....	....	....
91	6	C.	38	4 40	29 24	+0.042	−0.300	.....	26	..	..	..	0.16	....	....	....
			52	7 10	29 24	−0.079	−0.215	.....	29	..	..	..	0.11	....	....	....
92	12	C.	11	6 32	30 4	−0.17	.....	.....	5	..	10	..	0.07	....	0.08	....
93	12	C.	34	9 11	30 4	+0.03	.....	.....	17	..	..	..	0.12	....	....	....
94	14	Pa.	159	6 59	27 28	−0.079	.....	−0.471	44	..	..	..	0.15	....	....	....
95	23	C.	50	6 16	30 41	+0.08	.....	.....	19	..	..	..	0.10	....	....	....
96	23	C.	51	8 31	30 41	+0.21	.....	.....	13	..	..	..	0.08	....	....	....
97	23	C.	39	10 50	30 41	−0.29	.....	.....	10	..	..	..	0.10	....	....	....
98	Mar. 5	Pa.	95	7 17	28 11	+0.06	.....	.....	37[2] 11	.. ..	.. ..	.. ..	0.26 0.19	....	....	....
99	5	Pa.	10	10 42	28 15	−1.092[1]	−0.822	+0.262	2[2] 3	.. ..	3[2] 4	.. ..	0.12 0.08	....	0.10 0.10	....
100	10	C.	9	7 4	30 35	−0.760[1]	.....	+0.394	4	..	5	..	0.04	....	0.10	....
101	18	C.	23	8 8	30 41	+0.05	.....	.....	14	..	..	..	0.14	....	....	....
102	22	Pa.	68	8 20	28 49	−0.21	.....	.....	25	..	..	..	0.12	....	....	....
103	24	C.	116	9 59	30 3	+0.10	.....	.....	58	..	..	..	0.10	....	....	....
104	Apr. 3	C.	52	9 23	28 11	+0.06	.....	.....	40	..	..	..	0.13	....	....	....
105	7	Pa.	125	10 46	27 35	+0.174	+0.135	.....	39[2] 26	.. ..	.. ..	.. ..	0.19 0.13	....	....	....
106	7	Pa.	28	15 34	27 32	−0.250	.....	+0.936	12	..	..	..	0.13	....	....	....
107	9	C.	100	9 47	31 19	+0.037	+0.137	.....	25	..	..	..	0.14	....	....	....
108	9	C.	63	13 15	31 19	+0.07	.....	.....	24	..	..	..	0.12	....	....	....
109	13	C.	24	10 4	29 25	+0.032[1]	+0.358	+0.348	8	..	10	..	0.08	....	0.09	....
110[3]	16	C.	24	10 28	27 33	−0.020	.....	−0.519	9	..	18	..	0.12	....	0.12	....
111	21	C.	5	10 33	26 56	+0.046	−1.688	.....	3	..	5	..	0.02	....	0.06	....
112	May 4	Pa.	84	13 11	26 50	−0.050	−0.158	+0.651	30	..	..	..	0.14	....	....	....
113	6	Pa.	125	13 20	26 18	+0.071	−0.123	.....	33	..	..	..	0.14	....	....	....
114	6	Pa.	75	17 10	26 17	+0.090	.....	+0.843	20	..	..	..	0.07	....	....	....
115	17	Pa.	19	12 37	29 12	+0.835[1]	+1.350	+0.384	13	..	..	..	0.08	...	...	...
116	29	Pa.	70	14 0	27 34	+0.10	.....	.....	28	..	..	..	0.12	...	...	...
117	June 11	Pa.	139	16 20	28 11	−0.12	.....	.....	38	..	..	..	0.11	...	...	...
118	14	Pa.	53	16 35	27 33	+0.107	+0.260	.....	18	..	..	..	0.09	...	...	...
119	14	Pa.	107	19 45	27 33	+0.111	−0.122	.....	33	..	..	..	0.14	...	...	...
120	17	Pa.	143	17 2	30 41	−0.202	.....	+0.345	39	..	..	..	0.13	...	...	...
121	17	Pa.	21	20 24	30 41	−0.06	.....	.....	17	..	..	..	0.14	....	....	....
122	24	Pa.	38	16 31	25 41	+0.028	+0.351	.....	14	..	..	..	0.14	....	....	....
123	July 17	Pa.	96	19 18	25 40	−0.099	.....	.....	34	..	..	..	0.17	....	....	....
124	19	Pa.	20	17 47	28 43	−0.03	.....	.....	4	..	6[2] 6	..	0.05	....	0.23 0.05	....
125	Aug. 2	C.	7	16 40	5 50	(**)	.....	.....	..	..	..	..	....	....	....	....
126	5	C.	12	17 0	4 30	(**)	.....	.....	..	..	..	..	....	....	....	....
127	20	Pa.	55	18 52	26 17	+0.30	.....	.....	15	..	..	..	0.10	....	....	....
128	26	Pa.	136	20 1	28 10	−0.015	+0.126	.....	50	..	..	..	0.12	....	....	....
129	30	C.	47	20 12	26 18	+0.44	.....	.....	26	..	..	..	0.09	....	....	....
130	Sept. 6	C.	68	20 5	28 49	+0.043	.....	−0.552	36	..	..	..	0.13	....	....	....
131	14	Pa.	142	21 18	30 0	+0.273	.....	+0.504	57	..	..	..	0.14	....	....	....
132	16	Pa.	198	21 28	29 26	+0.04	.....	.....	79	..	..	..	0.15	....	....	....
133	16	Pa.	37	2 17	29 26	+0.424	+0.558	.....	19	..	..	..	0.05	....	....	....
134	21	Pa.	125	21 45	25 1	+0.30	.....	.....	49	..	..	..	0.13	....	....	....
135	27	C.	10	19 52	14 23	−0.141[1]	+0.847	+0.017	..	..	..	9	..	..	..	0.08
136	27	C.	9	20 44	26 53	+0.012	−1.242	+0.740	5	..	..	..	0.06	....	....	.....
137	29	C.	11	19 55	14 26	+0.801[1]	.....	+0.100	..	..	..	10	....	....	....	0.14
138	Oct. 15	C.	33	23 32	26 55	+0.10	.....	.....	10	..	..	..	0.11	....	....	....
139	16	Pa.	100	23 16	30 41	−0.03	.....	.....	25	..	..	..	0.18	....	....	....
140	18	C.	85	0 41	28 10	−0.092	+0.078	.....	42	..	..	..	0.17	....	....	....
141	18	C.	19	4 31	28 14	−0.016[4]	.....	−0.252	8	..	..	..	0.05	....	....	....
142	26	Pa.	9	21 12	23 48	−0.410[1]	.....	+0.064	4[2] 2	..	.. ..	.. ..	0.12 0.16	....	....	....

---

[1] Includes a_2.

[2] One-thread observations to which half weight only was given in solving for zone corrections.

[3] The transits over Thread II are so generally discordant when reduced with the thread intervals used in adjacent zones that all transits in this zone over this thread have been rejected.

[4] Value checked by comparison with Washington Zones.

† The original records have been obscured by having the pencil figures inked over.

** Zone rejected.

TABLE I.—*Register of Zones—Mural Circle Right Ascensions*—Continued.

Zone.	Date.	Obs'r.	No. of Stars.	Mean R. A.	Mean South Decl.	Zone Corr.	Change per—		No. of Stars Used.				$\Delta\alpha \cos \delta$.			
							Hour.	Degree.	Gou	AW	WaZ	AG	Gou	AW	WaZ	AG
				h m	° ′	s	s	s					s	s	s	s
143	1847 Oct. 27	C.	59	2 53	23 48	−0.008	+0.164	+1.020	27	..	..	..	0.13	....	....	....
144	28	Pa.	96	22 46	23 48	+0.002	−0.178	.....	34	..	..	..	0.14	....	....	....
145	28	Pa.	7	1 47	23 41	+0.068[1]	+0.216	+0.642	2[2] 3	.. ..	.. ..	.. ..	0.23 0.26	....	....	....
146	Nov. 2	Pa.	77	22 46	23 10	−0.169	+0.175	.....	23	..	..	..	0.11	....	....	....
147	15	C.	17	23 50	24 20	−0.285	+1.777	.....	7	..	10	..	0.12	....	0.22	....
148	20	C.	22	0 24	23 48	−0.06[3]	.....	.....	8	..	..	..	0.25	....	....	....
149	Dec. 18	C.	60	0 55	25 39	−0.148	.....	+0.667	32	..	..	..	0.14	....	....	....
150	1848 Jan. 3	C.	7	2 0	23 50	−0.405	.....	+0.855	5	..	..	..	0.10	....	....	....
151	4	Pa.	44	3 5	27 33	−0.01	.....	.....	17	..	..	..	0.09	....	....	....
152	4	Pa.	18	6 50	26 56	−0.136	+0.946	.....	9	..	..	..	0.08	....	....	....
153	18	S.	25	4 52	26 12	+0.14	.....	.....	9[2] 7	.. ..	.. ..	.. ..	0.21 0.13	....	....	....
154	18	S.	32	6 20	26 17	+0.214	+1.867	+1.650	10	..	..	..	0.20	....	....	....
155	19	C.	44	3 1	23 48	+0.07	.....	.....	29	..	..	..	0.19	....	....	....
156	20	S.	108	6 45	23 46	−0.107	+0.182	+1.584	43[2] 12	.. ..	.. ..	.. ..	0.20 0.15	....	....	....
157	22	S.	97	6 53	26 17	+0.202	+0.057	.....	48[2] 9	.. ..	.. ..	.. ..	0.21 0.21	....	....	....
158	Mar. 6	C.	30	11 39	28 12	+0.07	.....	.....	7	..	14	..	0.16	....	0.11	....
159	7	S.	32	9 49	25 42	+0.410	−0.214	+0.645	14[2] 7	.. ..	.. ..	.. ..	0.22 0.16	....	....	....
160	24	S.	41	10 3	25 45	+0.166[3]	−0.479	+0.408	20[2] 4	.. ..	.. ..	.. ..	0.38 0.19	....	....	....
161	29	S.	66	10 50	26 26	0.00	.....	.....	19[2] 9	.. ..	.. ..	.. ..	0.27 0.17	....	....	....
162	Apr. 1	C.	64	11 1	26 51	+0.157	.....	−0.324	16	..	..	..	0.13	....	....	....
163	20	C.	99	12 30	25 41	+0.154	+0.108	.....	50	..	..	..	0.16	....	....	....
164	May 3	C.	70	13 45	28 8	−0.065	−0.102	.....	34	..	..	..	0.12	....	....	....
165	27	C.	67	14 40	24 59	−0.005	−0.360	.....	28	..	..	..	0.19	....	....	....
166	30	S.	37	16 43	25 5	+0.003	−0.282	+0.798	10	..	..	..	0.15	....	....	....
167	June 2	C.	70	15 59	25 38	+0.109	−0.132	+0.272	29	..	..	..	0.13	....	....	....
168	3	C.	20	14 27	28 49	0.00	.....	.....	11	..	..	..	0.12	....	....	....
169	5	C.	54	15 45	26 15	+1.051	−0.395	+3.438	19	..	..	..	0.11	....	....	....
170	6	S.	97	17 40	24 26	+0.503	+0.043	.....	38[2] 16	.. ..	.. ..	.. ..	0.22 0.17	....	....	....
171	12	S.	60	18 4	23 46	+0.163	.....	−0.354	28[2] 14	.. ..	.. ..	.. ..	0.19 0.09	....	....	....
172	15	C.	48	15 30	26 56	−0.125	+0.156	.....	23	..	..	..	0.14	....	....	....
173	16	S.	36	16 24	28 51	+0.017	.....	−0.290	10[2] 8	.. ..	.. ..	.. ..	0.25 0.08	....	....	....
174	20	C.	78	16 12	23 47	+0.107	.....	+0.198	38	..	..	..	0.16	....	....	....
175	24	C.	91	16 32	23 8	−0.033	.....	+0.321	50	..	..	..	0.17	....	....	....
176	26	S.	95	18 23	26 55	−0.301	−0.213	−0.093	37	..	..	..	0.15	....	....	....
177	27	C.	5	16 21	22 33	−1.614[1]	.....	+0.405	..	..	5	..	....	....	0.07	....
178	July 10	S.	15	17 51	23 7	−0.032	+1.050	+0.642	5[2] 5	.. ..	.. ..	.. ..	0.12 0.09	....	....	....
179	11	C.	10	18 14	23 10	+0.058	+0.533	.....	6	..	..	..	0.06	....	....	....
180	17	S.	30	18 41	23 10	0.000	−0.345	.....	13	..	..	..	0.19	....	....	....
181	18	C.	120	18 1	22 40	+0.209	−0.171	+0.491	29	..	..	..	0.10	....	....	....
182	19	S.	123	19 2	21 55	+0.116	+0.169	.....	7[2] 9	.. ..	.. ..	.. ..	0.13 0.07	....	....	....
183	20	C.	69	18 41	28 46	+0.028	+0.154	−0.360	25	..	..	..	0.12	....	....	....
184	20	C.	44	21 6	23 45	+0.403	+0.208	+0.628	26	..	..	..	0 12	....	....	....
185	24	S.	35	21 0	21 18	−0.150	+0.152	+0.495	10	..	..	..	0.09	....	....	....
186	Aug. 1	C.	11	17 58	21 18	−0.26	.....	.....	1[2] 3	.. ..	2[2] 5	.. ..	0.28 0.05	....	0.13 0.11	....
187	4	S.	39	20 54	22 33	+0.363[3]	+0.642	.....	9	..	..	..	0.08	....	....	....
188	7	S.	99	20 28	20 40	+0.30[4]	.....	.....	17	..	..	..	0 13	....	....	....
189	14	S.	42	20 2	20 2	−0.302	−0.174	.....	9	..	23	..	0.12	....	0.17	....
190	15	C.	51	18 45	19 20	−1.725[1]	+0.341	+0.454	11	..	..	..	0.10	....	....	....
191	16	S.	56	18 30	25 3	+0.01	.....	.....	23	..	..	..	0.14	....	....	....
192	16	S.	24	21 21	26 17	+0.842	−1.290	+3.06	5[2] 9	.. ..	.. ..	.. ..	0.21 0.13	....	....	....
193	18	S.	66	20 27	23 13	−1.916[1]	.....	+0.819	33	..	..	..	0.14	....	....	....
194	24	C.	14	22 58	20 40	−0.944[1]	.....	+0.930	..	4	6	..	....	0.15	0.15	....
195	29	C.	11	23 16	22 0	−1.866[1]	−0.400	+0.382	..	..	10	..	....	....	0.16	....
196	30	S.	36	19 41	23 51	+0.115	.....	+0.852	12	..	..	..	0.10	....	....	....
197	30	S.	29	21 22	20 0	+1.410[1]	.....	+1.144	7	..	14	..	0.15	....	0.26	....
198	30	S.	25	23 8	19 56	−0.084	+0.437	+0.361	..	17	..	..	....	0.21	....	....
199	31	C.	6	19 47	24 12	−1.453[1]	+0.690	+0.540	2[2] 4	.. ..	.. ..	.. ..	0.07 0.18	....	....	....

---

[1] Includes a_2.
[2] One-thread observations to which half weight only was given in solving for zone corrections.
[3] Value checked by comparison with Washington Zones.
[4] Value checked by comparison with Argelander.

TABLE I.—*Register of Zones—Mural Circle Right Ascensions*—Continued.

Zone.	Date.	Obs'r.	No. of Stars.	Mean R. A.	Mean South Decl.	Zone Corr.	Change per—		No. of Stars Used.				Δα cos δ.			
							Hour.	Degree.	Gou	AW	WaZ	AG	Gou	AW	WaZ	AG
	1848			h m	° ′	s	s	s					s	s	s	s
200	Aug. 31	C.	31	23 50	20 45	+0.090	+0.248	+0.419	..	15	..	..	....	0.12	....	....
201	Sept. 1	S.	94	20 33	19 27	−0.262	−0.256	.....	16	..	..	..	0.18	....	....	....
202	1	S.	44	0 5	20 46	+0.104	.....	+0.753	..	6[1] 16	..	..	....	0.21 0.17	....	....
203	2	C.	60	20 46	24 25	+0.477	+0.307	+1.284	35	..	..	..	0.11	....	....	....
204	7	C.	41	22 10	21 47	+0.175	+0.099	+0.702	..	21	..	..	....	0.11	....	....
205	18	C.	73	20 44	18 47	−0.07	.....	.....	17	..	..	..	0.14	....	....	....
206	Oct. 7	C.	27	23 17	16 55	+0.45	.....	.....	..	..	15	..	....	....	0.15	....
207	10	S.	139	1 6	18 10	+0.070	−0.085	−0.300	..	45	..	..	....	0.19	....	....
208	11	C.	86	21 21	16 54	+0.263[2]	−0.226	+0.354	8	..	..	..	0.12	....	....	....
209	14	S.	106	22 18	25 40	+0.198	−0.071	+0.486	39	..	..	..	0.14	....	....	....
210	Nov. 28	C.	108	2 22	27 33	+0.050	−0.045	.....	36	..	..	..	0.11	....	....	....
211	28	C.	86	6 50	28 46	−0.337	+0.556	.....	27	..	..	..	0.11	....	....	....
212	Dec. 2	C.	75	0 22	22 40	−0.576	+0.411	.....	7	..	34	..	0.14	....	0.16	....
213	4	S.	23	3 38	21 19	+0.200	.....	−1.410	..	11	..	..	....	0.27	....	....
214	18	C.	125	3 50	28 9	+0.093	−0.123	−0.282	49	..	..	..	0.13	....	....	....
215	30	C.	5	2 4	30 4	(**)	.....	.....	..	..	..	..	....	....	....	....
	1849															
216	Jan. 23	C.	25	5 40	29 27	−0.08	.....	.....	11	..	..	..	0.13	....	....	....
217	23	C.	77	7 11	29 59	+0.093	−0.178	−0.551	27	..	..	..	0.15	....	....	....
218	23	C.	47	9 31	28 46	+0.013	.....	−0.267	16	..	..	..	0.12	....	....	....
219	27	C.	32	4 25	23 41	−0.080	.....	+0.683	14	..	..	..	0.15	....	....	....
220	27	C.	50	6 44	23 48	−0.106	+0.363	+0.843	14	..	..	..	0.11	....	....	....
221	Feb. 9	S.	75	5 44	28 49	−0.118	−0.189	.....	16	..	..	..	0.18	....	....	....
222	9	S.	64	8 21	26 54	+0.091	.....	+0.366	15	..	..	..	0.18	....	....	....
223	10	C.	50	4 19	28 49	+1.13	.....	.....	20	..	..	..	0.16	....	....	....
224	13	C.	113	8 56	32 36	+0.065	.....	+0.630	39	..	..	..	0.14	....	....	....
225	13	C.	81	12 40	32 35	+0.398	+0.137	+0.564	22	..	..	..	0.13	....	....	....
226	15	C.	88	7 12	31 20	+0.11	.....	.....	34	..	..	..	0.14	....	....	....
227	16	S.	40	5 30	25 39	+0.06	.....	.....	14	..	..	..	0.22	....	....	....
228	16	S.	42	6 51	31 20	−0.016	+0.170	.....	13	..	..	..	0.13	....	....	....
229	16	S.	42	8 35	23 49	+0.140	−0.775	.....	16[1] 8	.. ..	.. ..	.. ..	0.20 0.20	....	....	....
230	19	C.	35	6 12	29 22	+0.016	+0.351	−0.376	20	..	..	..	0.13	....	....	....
231	19	C.	65	8 5	31 20	+0.129	−0.230	+0.264	20	..	..	..	0.14	....	....	....
232	23	S.	101	7 12	31 17	−0.076	+0.273	.....	19	..	..	..	0.13	....	....	....
233	Mar. 7	C.	95	8 45	35 2	+0.101	−0.275	−0.586	30	..	..	..	0.11	....	....	....
234	12	S.	33	8 54	26 55	−0.270	−0.525	−0.797	10	..	..	..	0.12	....	....	....
235	16	S.	97	8 40	37 36	+0.135	−0.180	.....	13	..	..	..	0.10	....	....	....
236	16	S.	40	11 50	35 6	+0.158	+0.133	.....	15	..	..	..	0.07	....	....	....
237	19	C.	42	11 50	30 45	−0.397	−0.317	.....	15	..	..	..	0.16	....	....	....
238	22	S.	111	9 30	35 38	−0.270	−0.813	−0.759	13	..	..	..	0.08	....	....	....
239	22	S.	62	13 15	34 30	−0.213	−0.251	.....	18	..	..	..	0.17	....	....	....
240	23	C.	66	10 22	33 12	−0.03	.....	.....	10	..	..	..	0.13	....	....	....
241	23	C.	75	13 50	33 12	−0.027	−0.103	.....	23	..	..	..	0.11	....	....	....
242	29	C.	80	12 50	30 1	+0.064	.....	−1.158	27	..	..	..	0.14	....	....	....
243	30	S.	114	13 12	36 56	+0.114	.....	+0.407	18[1] 26	.. ..	.. ..	.. ..	0.09 0.14	....	....	....
244	Apr. 2	S.	131	11 40	35 5	+0.082	+0.188	.....	21	..	..	..	0.10	....	....	....
245	5	C.	101	10 25	26 19	−0.229	+0.305	.....	44	..	..	..	0.18	....	....	....
246	5	C.	51	13 33	38 6	+0.340[3]	.....	−0.406	13	..	..	..	0.10	....	....	....
247	10	C.	12	12 1	30 42	+0.10	.....	.....	6	..	..	..	0.16	....	....	....
248	11	S.	123	11 34	40 0	+0.037	.....	−0.430	18	..	..	..	0.12	....	....	....
249	12	C.	36 71	10 11 13 1	24 34 24 21	+1.467 +0.392	−0.154 −0.384	−1.242 −1.242	12 29	.. ..	.. ..	.. ..	0.09 0.14	....	....	....
250	14	C.	54	11 15	24 22	−1.072	.....	+0.453	16	..	..	..	0.12	....	....	....
251	16	S.	136	11 40	23 12	+0.225	−0.414	+0.314	29	..	..	..	0.17	....	....	....
252	20	S.	97	11 44	25 2	+0.08	.....	.....	28[1] 8	.. ..	.. ..	.. ..	0.25 0.25	....	....	....
253	May 2	S.	62	15 37	21 54	−0.705[4]	+2.309	.....	..	..	5[1] 4[5] 3	.. .. ..	....	....	0.31 0.16 0.13	....
254	11	S.	66	15 0	25 28	+0.002	+0.360	.....	19[1] 8	.. ..	.. ..	.. ..	0.25 0.14	....	....	....
255	June 16	C.	62	16 25	20 4	+0.228	+0.175	.....	9	..	27	..	0.10	....	0.19	....
256	18	C.	99	15 52	21 19	−0.070[6]	+0.160	.....	7	..	..	..	0.07	....	....	....
257	19	S.	48	16 52	21 54	+0.180[6]	+0.243	.....	7	..	..	..	0.17	....	....	....
258	20	C.	100	17 38	20 41	−0.05	.....	.....	12	..	..	..	0.15	....	....	....
259	21	S.	124	17 54	19 23	+0.150	−0.136	−0.411	11[1] 16	42[1] 29	.. ..	.. ..	0.12 0.14	0.21 0.16	....	....
260	22	C.	47	15 48	20 40	+0.02	.....	.....	8	..	11	..	0.12	....	0.19	....
261	22	C.	107	18 13	20 3	−0.051	+0.179	−0.304	10	..	35	..	0.09	....	0.23	....
262	July 2	C.	58	18 36	29 29	+0.073	+0.146	.....	19	..	..	..	0.10	....	....	....
263	3	C.	25	16 6	29 44	+0.03	.....	.....	5	..	15	..	0.06	....	0.15	....
264	5	C.	26	16 7	29 25	+0.094	.....	+0.843	8	..	5[1] 12	..	0.13	....	0.18 0.12	....
265	5	C.	25	17 6	21 23	+0.312	.....	−1.343	..	..	4[1] 8	.. ..	....	....	0.16 0.08	....

[1] One-thread observations to which half weight only was given in solving for zone corrections.

[2] Value checked by comparison with Washington A. G. Catalogue.

[3] Includes a_2.

[4] Seven stars used for comparison purposes had but one other observation each.

[5] Deficient either in threads or observations with which to make comparison, given ¾ weight in solving for zone corrections.

[6] Value checked by comparison with Washington Zones.

** Zone rejected.

TABLE I.—*Register of Zones—Mural Circle Right Ascensions*—Continued.

Zone.	Date.	Obs'r.	No. of Stars.	Mean R. A.	Mean South Decl.	Zone Corr.	Change per—		No. of Stars Used.				Δα cos δ.			
							Hour.	Degree.	Gou	AW	WaZ	AG	Gou	AW	WaZ	AG
	1849			h m	° ′	s	s	s					s	s	s	s
266	July 11	C.	100	18 3	21 20	+0.240	.....	−0.324	11	..	..	..	0.07	....	....	....
267	17	C.	21	17 18	31 20	+0.05	.....	.....	6	..	3[1] 6	..	0.12	....	0.16 0.23	....
268	17	C.	28	17 43	21 55	+0.374	−1.095	−0.709	6	..	9	..	0.09	....	0.19	....
	1851															
269	Mar. 11	Bn.	18	9 34	21 57	+0.63	.....	.....	..	8	..	..	....	0.16	....	....
270	21	Bn.	44	10 36	21 53	+0.75	.....	.....	..	23	..	..	....	0.09	....	....
271	24	Bn.	53	9 36	19 23	+0.68	.....	.....	..	28	..	..	....	0.18	....	....
272	25	Bn.	46	9 45	21 22	+0.695	+0.129	+0.670	..	25	..	..	....	0.15	....	....
273	26	Bn.	56	9 41	23 48	+1.08	.....	.....	21	..	..	..	0.08	....	....	....
274	28	Bn.	54	9 20	20 3	+0.902	+0.354	.....	..	28	..	..	....	0.16	....	....
275	Apr. 9	Bn.	23	9 26	24 23	+0.55	.....	.....	14	..	..	..	0.11	....	....	....
276	22	Bn.	52	11 35	19 28	+0.695	.....	+0.346	..	23	..	..	....	0.14	....	....
277	May 7	Bn.	45	13 4	21 54	+0.46	.....	.....	..	25	..	..	....	0.13	....	....
278	Sept. 4	Bn.	25	20 55	18 10	−0.182	+0.362	.....	6	..	16	..	0.10	....	0.11	....
279	15	Bn.	17	19 35	18 10	−0.21	.....	.....	..	15	..	..	....	0.10	....	....
280	26	Bn.	19	22 32	18 9	+0.032	+0.336	+0.720	..	11	..	..	....	0.05	....	....
281	Oct. 10	Bn.	23	21 20	16 18	−0.17	.....	.....	..	11	..	..	....	0.10	....	....
282	27	Bn.	47	20 49	15 35	+0.212	+0.143	+0.523	12	..	..	..	0.08	....	....	....

[1] One-thread observations to which half weight only was given in solving for zone corrections.

TABLE I.—*Register of Zones—Mural Circle Declinations.*

[For explanation of this table, see page xiv.]

Zone.	Date.	Obs'r.	No. of Stars.	Mean R. A.	Mean South Decl.	Zone Corr.	Change per—		No. of Stars Used.				Δδ.			
							Hour.	Degree.	Gou	AW	WaZ	AG	Gou	AW	WaZ	AG
	1846			h m	° '	''	''	''					''	''	''	''
1†	Apr. 6	C.	25	15 5	39 26	− 0.62	....	....	16	..	..	..	1.4	...	...	...
2	9	Pa.	35	10 1	39 33	+ 1.08	....	− 3.75	13	..	20	..	1.3	...	1.5	...
3†	13	C.	49	11 5	39 32	− 0.65	....	....	13	..	..	..	1.1	...	...	...
4	14	Pa.	19	9 57	39 31	− 1.43	....	....	..	..	12	..	...	...	2.2	...
5	15	Pa.	25	10 6	38 51	+ 1.20	....	....	16	..	..	..	1.2	...	...	...
6†	16	C.	41	11 10	37 36	+ 0.97	....	....	20	..	..	..	1.6	...	...	...
7†	16	C.	24	14 47	37 36	− 1.35	....	....	13	..	..	..	1.1	...	...	...
8	17	Pa.	42	10 45	36 20	+ 2.74	....	....	16	..	..	..	1.5	...	...	...
9†	18	C.	48	10 40	35 5	+ 1.11	− 1.80	....	23	..	..	..	1.2	...	...	...
10	20	Pa.	114	11 25	33 50	+ 1.53	....	....	25	..	..	..	1.3	...	...	...
11	27	Pa.	41	10 50	32 30	+ 0.84	....	....	21	..	..	..	1.3	...	...	...
12	May 4	Pa.	57	11 50	31 19	+ 0.81	....	....	19	..	..	..	1.2	...	...	...
13	19	Pa.	34	14 29	30 4	− 1.20	....	....	20	..	..	..	1.2	...	...	...
14†	20	C.	82	15 18	35 5	− 0.98	....	....	38	..	..	..	1.0	...	...	...
15	21	Pa.	70	15 35	38 51	+ 1.13	− 0.91	....	53	..	..	..	1.8	...	...	...
16	25	Pa.	80	15 44	36 20	− 0.26	....	....	56	..	..	..	1.6	...	...	...
17†	27	C.	42	14 30	37 36	+ 0.36	....	....	24	..	..	..	1.2	...	...	...
18†	27	C.	3	19 29	37 34	(**)	....	....	..	..	..	..	...	...	...	...
19	June 3	Pa.	118	15 7	31 17	− 0.03	....	− 3.90	59	..	..	..	1.0	...	...	...
20†	4	C.	13	14 55	33 47	− 1.74	....	....	10	..	..	..	1.5	...	...	...
21	6	Pa.	18	13 53	32 33	+ 0.06	....	....	12	..	..	..	1.5	...	...	...
22†	15	C.	114	16 38	33 49	− 0.44	....	....	46	..	..	..	1.4	...	...	...
23	16	Pa.	18	14 51	32 32	− 0.63	....	....	15	..	..	..	1.0	...	...	...
24†	17	C.	67	16 33	37 35	+ 0.47	....	....	34	..	..	..	1.2	...	...	...
25	18	Pa.	110	18 14	32 33	− 0.26	....	....	60	..	..	..	1.4	...	...	...
26†	22	C.	13	17 18	33 50	− 2.32	....	....	9	..	..	..	1.2	...	...	...
27	24	Pa.	64	16 45	28 48	− 0.80	....	....	43	..	..	..	0.9	...	...	...
28†	July 1	C.	45	16 5	30 0	− 0.45	....	− 4.80	18	..	..	..	0.7	...	...	...
29	7	Pa.	55	16 26	27 33	− 1.43	....	....	34	..	..	..	1.3	...	...	...
30	7	Pa.	26	20 21	27 33	− 0.52	....	....	21	..	..	..	1.0	...	...	...
31	9	Pa.	98	17 32	26 18	− 1.70	....	....	53	..	..	..	1.4	...	...	...
32†	10	C.	17	16 40	30 4	+ 1.4	....	....	7	..	15	..	1.1	...	1.3	...
33†	10	C.	62	17 58	35 0	+ 1.34	....	....	38	..	..	..	1.2	...	...	...
34	11	Pa.	41	17 11	40 12	+ 3.04	....	....	27	..	..	..	1.7	...	...	...
35†	14	C.	11	17 37	35 42	− 1.21	....	....	7	..	..	..	0.6	...	...	...
36	14	C.	75	19 15	33 49	− 1.13	....	....	47	..	..	..	1.1	...	...	...
37	15	Pa.	104	18 17	30 4	− 2.37	....	....	47	..	..	..	1.4	...	...	...
38†	24	C.	24	22 15	31 18	− 0.49[1]	− 2.57	....	11	..	..	..	1.4	...	...	...
39	29	C.	30	18 22	31 18	+ 0.05	....	....	9	..	30	..	0.8	...	1.1	...
40	29	C.	31	20 16	31 18	− 0.56	....	....	18	..	..	..	1.4	...	...	...
41†	Aug. 5	C.	8	17 30	27 40	+ 0.48	....	− 4.89	5	..	7	..	1.0	...	0.7	...
42	11	Pa.	72	18 43	25 3	+ 0.31	....	....	47	..	..	..	1.4	...	...	...
43	11	Pa.	20	21 55	25 2	− 0.52	....	....	12	..	..	..	1.1	...	...	...
44	12	C.	89	19 31	31 17	− 0.08	....	....	45	..	..	..	1.1	...	...	...
45	13	Pa.	60	18 51	27 33	+ 0.97	....	....	37	..	..	..	1.3	...	...	...
46	13	Pa.	38	21 3	23 47	− 1.13	....	....	27	..	..	..	1.2	...	...	...
47	18	C.	79	19 31	28 46	+ 0.75	....	....	54	..	..	..	1.2	...	...	...
48	20	Pa.	42	18 53	37 35	+ 0.81	....	....	25	..	..	..	1.2	...	...	...
49	29	C.	57	19 40	36 19	+ 1.52	....	....	32	..	..	..	1.2	...	...	...
50	31	Pa.	3	19 18	26 18	(**)	....	....	..	..	..	..	...	...	...	...
51	Sept. 9	C.	14	19 47	32 20	− 0.77	....	....	6	..	6	..	0.5	...	2.2	...
52	9	C.	25	21 30	32 35	− 0.40	....	− 4.68	12	..	..	..	1.0	...	...	...
53	13	Pa.	57	21 30	35 4	+ 0.85	+ 1.38	....	30	..	..	..	1.4	...	...	...
54	14	C.	26	19 30	35 4	+ 0.74	....	....	16	..	..	..	1.2	...	...	...
55	14	C.	40	21 50	36 18	+ 1.73	− 1.80	....	28	..	..	..	1.2	...	...	...
56	15	Pa.	117	21 30	26 17	− 1.91	− 0.56	....	75	..	..	..	1.6	...	...	...
57	16	C.	59	22 15	38 50	+ 1.02	....	....	37	..	..	..	1.4	...	...	...
58	19	Pa.	19	20 0	30 3	+ 0.24	....	....	14	..	..	..	1.7	...	...	...
59	19	Pa.	47	22 10	33 43	− 0.31	....	....	32	..	..	..	1.0	...	...	...
60	21	C.	52	20 53	37 32	− 1.20	....	....	22	..	..	..	1.5	...	...	...
61†	23	C.	89	21 30	30 2	+ 0.88	....	....	61	..	..	..	1.2	...	...	...
62	24	Pa.	13	19 52	38 41	− 0.01	....	....	8	..	..	..	2.3	...	...	...
63	24	Pa.	75	22 46	28 48	+ 0.13	....	− 4.84	53	..	..	..	1.1	...	...	...
64	28	Pa.	25	20 24	24 59	− 4.72	....	− 8.38	15	..	23	..	2.3	...	2.6	...
65	28	Pa.	14	21 15	27 33	− 2.52	....	....	9	..	..	..	1.7	...	...	...
66	30	Pa.	66	22 50	27 32	− 0.03	....	− 2.34	43	..	..	..	1.2	...	...	...
67	Oct. 6	Pa.	12	23 3	32 33	+ 0.83	− 3.81	....	10	..	10	..	1.6	...	1.1	...
68†	7	C.	25	22 36	32 30	+ 0.55	....	− 2.97	17	..	..	..	1.4	...	...	...
69	8	Pa.	19	23 8	37 30	+ 2.45	....	− 3.00	13	..	..	..	0.9	...	...	...
70†	9	C.	53	1 12	26 16	+ 0.28	....	....	35	..	..	..	1.0	...	...	...
71	10	Pa.	29	23 49	36 17	− 0.76	....	....	12	..	..	..	1.5	...	...	...
72†	16	C.	10	21 45	40 8	+ 2.10	....	....	6	..	..	..	1.4	...	...	...

---

[1] Value checked by comparison with Washington Zones.

† The original records have been obscured by having the pencil figures inked over.

** Zone rejected.

TABLE I.—*Register of Zones—Mural Circle Declinations*—Continued.

Zone.	Date.	Obs'r.	No. of Stars.	Mean R. A.	Mean South Decl.	Zone Corr.	Change per—		No. of Stars Used.				*Δδ.*			
							Hour.	Degree.	Gou	AW	WaZ	AG	Gou	AW	WaZ	AG
	1846			h m	° ′	″	″	″					″	″	″	″
73†	Oct. 16	C.	11	23 22	32 24	− 0.12	....	....	7	..	9	..	1.4	...	1.3	...
74	17	Pa.	33	22 10	40 5	+ 1.39	....	....	23	..	..	..	1.6	...	...	...
75	19	C.	27	23 50	31 18	− 1.74	− 1.60	....	15	..	..	..	1.2	...	...	...
76	26	C.	53	0 34	30 0	+ 0.81	....	....	39	..	..	..	1.0	...	...	...
77	28	C.	32	23 45	32 33	− 2.03	+ 3.54	....	16	..	..	..	1.1	...	...	...
78	28	C.	38	2 55	32 33	− 1.12	....	....	28	..	..	..	1.3	...	...	...
79	Nov. 16	Pa.	42	2 40	28 28	− 0.27	....	....	28	..	..	..	1.1	...	...	...
80	20	Pa.	6	1 10	36 17	− 3.28	....	....	4	..	..	..	1.8	...	...	...
81	20	Pa.	23	2 46	31 18	− 0.90	....	....	21	..	..	..	2.1	...	...	...
82	21	C.	7	0 7	33 38	− 1.57	....	....	..	..	6	..	...	...	0.8	...
83	Dec. 3	Pa.	27	1 13	35 6	− 1.53	....	....	16	..	..	..	2.5	...	...	...
84	4	C.	15	0 6	33 45	− 2.38	....	....	7	..	9	..	1.3	...	1.8	...
85	23	C.	30	1 5	33 51	− 0.82	....	....	20	..	..	..	1.4	...	...	...
86	1847 Jan. 6	C.	62	3 30	30 40	− 0.37	....	....	50	..	..	..	1.1	...	...	...
87	22	C.	14	4 12	31 24	− 0.34	....	− 3.93	7	..	8	..	1.2	...	1.5	...
88	27	Pa.	100	6 0	30 2	− 2.81	....	....	64	..	..	..	1.9	...	...	...
89	Feb. 1	C.	44	4 32	31 18	− 0.30	....	....	26	..	..	..	1.6	...	...	...
90	5	Pa.	75	8 48	29 26	− 0.16	− 0.62	− 3.75	49	..	..	..	1.6	...	...	...
91	6	C.	90	5 51	29 24	− 1.12	....	− 2.85	60	..	..	..	1.5	...	...	...
92	12	C.	11	6 32	30 4	+ 0.04	....	....	4	..	10	..	0.8	...	1.0	...
93	12	C.	34	9 11	30 4	− 1.39	....	....	17	..	..	..	0.7	...	...	...
94	14	Pa.	159	6 59	27 28	− 2.25	....	....	96	..	..	..	1.7	...	...	...
95	23	C.	50	6 16	30 41	− 1.33	....	....	21	..	..	..	1.4	...	...	...
96	23	C.	51	8 31	30 41	− 1.03	....	....	17	..	..	..	1.2	...	...	...
97	23	C.	39	10 50	30 41	− 1.55	....	....	10	..	..	..	1.6	...	...	...
98	Mar. 5	Pa.	95	7 17	28 11	− 0.71	....	....	50	..	..	..	1.6	...	...	...
99	5	Pa.	10	10 42	28 15	−10.29	....	....	6	..	6	..	0.9	...	1.1	...
100	10	C.	9	7 4	30 35	+ 0.32	....	....	6	..	8	..	1.4	...	2.1	...
101	18	C.	23	8 8	30 41	+ 1.44	....	....	14	..	..	..	1.3	...	...	...
102	22	Pa.	68	8 20	28 49	+ 0.52	....	....	36	..	..	..	1.5	...	...	...
103	24	C.	116	9 59	30 3	+ 1.22	....	− 2.61	62	..	..	..	1.1	...	...	...
104	Apr. 3	C.	52	9 23	28 11	+ 2.16	....	....	44	..	..	..	0.9	...	...	...
105	7	Pa.	125	10 40	27 35	+ 0.38	− 0.72	− 3.30	64	..	..	..	1.3	...	...	...
106	7	Pa.	28	15 34	27 32	− 0.29	....	....	19	..	..	..	1.3	...	...	...
107	9	C.	100	9 47	31 19	+ 0.93	....	....	26	..	..	..	1.5	...	...	...
108	9	C.	63	13 15	31 19	+ 0.18	....	....	33	..	..	..	1.1	...	...	...
109	13	C.	24	10 4	29 25	+ 0.19	....	....	11	..	18	..	1.3	...	2.6	...
110	16	C.	24	10 28	27 33	− 0.13	....	....	9	..	23	..	0.8	...	1.3	...
111	21	C.	5	10 33	26 56	− 0.05	....	....	3	..	5	..	1.0	...	1.4	...
112	May 4	Pa.	84	13 11	26 50	− 1.58	− 1.42	− 4.50	44	..	..	..	1.4	...	...	...
113	6	Pa.	125	13 20	26 18	− 0.25	....	....	57	..	..	..	1.7	...	...	...
114	6	Pa.	75	17 10	26 17	− 1.26	....	....	35	..	..	..	1.4	...	...	...
115	17	Pa.	19	12 37	29 12	− 0.85	....	....	14	..	..	..	1.4	...	...	...
116	29	Pa.	70	14 0	27 34	− 0.78	....	....	42	..	..	..	1.1	...	...	...
117	June 11	Pa.	139	16 20	28 11	+ 0.44	− 0.56	....	66	..	..	..	1.3	...	...	...
118	14	Pa.	53	16 35	27 33	− 1.32	− 3.02	....	26	..	..	..	1.3	...	...	...
119	14	Pa.	107	19 45	27 33	− 0.91	....	....	54	..	..	..	1.4	...	...	...
120	17	Pa.	143	17 2	30 41	− 0.26	....	....	54	..	..	..	1.1	...	...	...
121	17	Pa.	21	20 24	30 41	+ 0.02	....	....	17	..	..	..	0.9	...	...	...
122	24	Pa.	38	16 31	25 41	− 1.88	....	....	15	..	..	..	1.1	...	...	...
123	July 17	Pa.	96	19 18	25 40	+ 1.37	....	....	59	..	..	..	1.4	...	...	...
124	19	Pa.	20	17 47	28 43	+ 1.04	....	− 4.82	6	..	16	..	0.8	...	1.7	...
125	Aug. 2	C.	7	16 40	5 50	(**)	....	....	..	..	..	..	...	...	...	...
126	5	C.	12	17 0	4 30	(**)	....	....	..	..	..	..	...	...	...	...
127	20	Pa.	55	18 52	26 17	− 1.91	....	− 2.94	27	..	..	..	1.5	...	...	...
128	26	Pa.	136	20 1	28 10	+ 1.52	....	....	79	..	..	..	1.2	...	...	...
129	30	C.	47	20 12	26 18	+ 1.40	....	....	26	..	..	..	1.2	...	...	...
130	Sept. 6	C.	68	20 5	28 49	+ 0.01	....	....	47	..	..	..	0.9	...	...	...
131	14	Pa.	142	21 18	30 0	− 1.42	....	....	88	..	..	..	1.6	...	...	...
132	16	Pa.	198	21 28	29 26	+ 0.87	....	....	113	..	..	..	1.4	...	...	...
133	16	Pa.	37	2 17	29 26	+ 0.78	....	....	25	..	..	..	1.2	...	...	...
134	21	Pa.	125	21 45	25 1	− 1.46	− 0.27	− 3.84	75	..	..	..	1.4	...	...	...
135	27	C.	10	19 52	14 23	− 0.69	....	− 4.22	..	..	..	10	...	...	...	1.0
136	27	C.	9	20 44	26 53	− 0.46	....	....	7	..	..	..	1.3	...	...	...
137	29	C.	11	19 55	14 26	− 0.70	....	....	..	..	..	11	...	...	...	1.1
138	Oct. 15	C.	33	23 32	26 55	− 0.27	....	....	10	..	..	..	1.0	...	...	...
139	16	Pa.	100	23 16	30 41	+ 0.49	....	....	40	..	..	..	1.2	...	...	...
140	18	C.	85	0 41	28 10	+ 1.82	+ 0.64	....	48	..	..	..	1.2	...	...	...
141	18	C.	19	4 31	28 14	+ 0.41[1]	....	− 5.58	11	..	..	..	1.2	...	...	...
142	26	Pa.	9	21 12	23 48	− 1.72	....	− 6.18	5	..	..	..	1.2	...	...	...
143	27	C.	59	2 53	23 48	+ 7.80	−10.36	....	30	..	..	..	1.0	...	...	...
144	28	Pa.	96	22 46	23 48	− 2.47	....	....	64	..	..	..	1.4	...	...	...
145	28	Pa.	7	1 47	23 41	− 1.64	+ 5.70	− 5.40	5	..	..	..	1.3	...	...	...
146	Nov. 2	Pa.	77	22 46	23 10	− 0.11	....	....	36	..	..	..	1.5	...	...	...
147	15	C.	17	23 50	24 20	− 0.22	....	+ 4.24	8	..	14	..	0.4	...	2.0	...
148	20	C.	22	0 24	23 48	− 2.95[1]	....	....	15	..	..	..	1.1	...	...	...
149	Dec. 18	C.	60	0 55	25 39	− 0.38	....	....	39	..	..	..	1.1	...	...	...

[1] Value checked by comparison with Washington Zones.

† The original records have been obscured by having the pencil figures inked over.

** Zone rejected.

TABLE I.—*Register of Zones—Mural Circle Declinations*—Continued.

Zone.	Date.	Obs'r.	No. of Stars.	Mean R. A.	Mean South Decl.	Zone Corr.	Change per—		No. of Stars Used.				Δδ.			
							Hour.	Degree.	Gou	AW	WaZ	AG	Gou	AW	WaZ	AG
	1848			h m	° ′	″	″	″					″	″	″	″
150	Jan. 3	C.	7	2 0	23 50	− 1.14	....	....	7	..	..	..	1.2	...	...	...
151	4	Pa.	44	3 5	27 33	− 0.08	....	....	32	..	..	..	1.2	...	...	...
152	4	Pa.	18	6 49	26 56	0.00	− 4.76	....	14	..	..	..	1.3	...	...	...
153	18	S.	25	4 52	26 12	+ 1.04	− 1.48	+ 6.66	19	..	..	..	1.8	...	...	...
154	18	S.	32	6 20	26 17	− 0.05	....	....	22	..	..	..	1.4	...	...	...
155	19	C.	44	3 1	23 48	− 1.03	....	....	32	..	..	..	1.2	...	...	...
156	20	S.	108	6 45	23 46	− 0.86	....	....	56	..	..	..	2.2	...	...	...
157	22	S.	97	6 53	26 17	− 0.64	....	+ 5.13	60	..	..	..	1.5	...	...	...
158	Mar. 6	C.	30	11 39	28 12	− 0.68	....	....	10	..	12	..	1.4	...	2.0	...
159	7	S.	32	9 49	25 42	+ 0.82	....	....	23	..	..	..	1.7	...	...	...
160	24	S.	41	10 3	25 45	− 2.12	− 2.86	....	20	..	..	..	1.3	...	...	...
161	29	S.	66	10 50	26 26	+ 0.44	− 1.31	....	33	..	..	..	1.5	...	...	...
162	Apr. 1	C.	64	11 1	26 51	+ 0.03	....	....	21	..	..	..	1.1	...	...	...
163	20	C.	99	12 30	25 41	+ 0.32	....	....	56	..	..	..	1.2	...	...	...
164	May 3	C.	70	13 45	28 8	+ 0.54	− 0.91	− 1.77	37	..	..	..	1.0	...	...	...
165	27	C.	67	14 40	24 59	− 0.04	....	− 2.46	36	..	..	..	1.0	...	...	...
166	30	S.	37	16 43	25 5	− 0.53	....	....	20	..	..	..	1.0	...	...	...
167	June 2	C.	70	15 59	25 38	− 1.45	....	....	35	..	..	..	1.1	...	...	...
168	3	C.	20	14 27	28 49	− 0.59	....	....	14	..	..	..	1.4	...	...	...
169	5	C.	54	15 45	26 15	− 0.48	....	....	24	..	..	..	0.9	...	...	...
170	6	S.	97	17 40	24 26	− 1.38	....	....	46	..	..	..	1.5	...	...	...
171	12	S.	60	18 4	23 46	− 3.45	....	....	34	..	..	..	1.3	...	...	...
172	15	C.	48	15 30	26 56	+ 0.01	....	....	23	..	..	..	1.1	...	...	...
173	16	S.	36	16 24	28 51	− 0.49	....	....	16	..	..	..	0.9	...	...	...
174	20	C.	78	16 12	23 47	− 2.52	....	....	49	..	..	..	1.1	...	...	...
175	24	C.	91	16 32	23 8	− 0.11	....	....	59	..	..	..	1.3	...	...	...
176	26	S.	95	18 23	26 55	− 0.60	+ 0.43	− 2.19	51	..	..	..	1.1	...	...	...
177	27	C.	5	16 21	22 33	+ 0.24	....	....	..	..	5	..	...	...	2.2	...
178	July 10	S.	15	17 51	23 7	− 0.14	+ 3.48	− 3.66	9	..	..	..	0.7	...	...	...
179	11	C.	10	18 14	23 10	+ 0.30	+ 7.98	....	8	..	..	..	0.7	...	...	...
180	17	S.	30	18 41	23 10	− 2.07	− 2.34	....	17	..	..	..	1.3	...	...	...
181	18	C.	120	18 1	22 40	− 0.64	....	....	34	..	..	..	1.0	...	...	...
182	19	S.	123	19 2	21 55	− 0.16	....	....	18	..	..	..	1.0	...	...	...
183	20	C.	69	18 41	28 46	− 0.56	....	− 2.61	33	..	..	..	1.3	...	...	...
184	20	C.	44	21 6	23 45	+ 0.58	+ 1.85	....	31	..	..	..	1.2	...	...	...
185	24	S.	35	21 0	21 18	− 2.71	....	....	10	..	..	..	0.9	...	...	...
186	Aug. 1	C.	11	17 58	21 18	+ 0.35	....	....	4	..	10	..	0.4	...	1.4	...
187	4	S.	39	20 54	22 33	+ 1.10[1]	....	− 6.00	8	..	..	..	1.0	...	...	...
188	7	S.	99	20 28	20 40	− 0.76	....	....	18	..	..	..	1.8	...	...	...
189	14	S.	42	20 2	20 2	− 1.18[1]	....	....	11	..	..	..	1.1	...	...	...
190	15	C.	51	18 45	19 20	+ 0.54	....	....	15	..	..	..	0.7	...	...	...
191	16	S.	56	18 30	25 3	+ 0.58	....	....	31	..	..	..	1.4	...	...	...
192	16	S.	24	21 21	26 17	+ 1.28	+ 0.81	− 4.86	14	..	..	..	1.0	...	...	...
193	18	S.	66	20 27	23 13	+ 1.41	....	− 3.48	40	..	..	..	1.1	...	...	...
194	24	C.	14	22 58	20 40	+ 0.17	+ 3.34	− 2.54	..	5	7	..	...	1.1	1.2	...
195	29	C.	11	23 16	22 0	+13.34	− 6.17	− 4.61	..	..	10	..	...	...	1.1	...
196	30	S.	36	19 41	23 51	− 0.09	+ 3.03	....	17	..	..	..	1.3	...	...	...
197	30	S.	29	21 22	20 0	+ 1.86	....	− 7.26	7	..	24	..	1.3	...	2.3	...
198	30	S.	25	23 8	19 56	+ 0.98	+ 2.42	− 4.35	..	21	..	..	...	0.9	...	...
199	31	C.	6	19 47	24 12	+ 2.18	....	....	6	..	..	..	0.4	...	...	...
200	31	C.	31	23 50	20 45	+ 0.71	....	− 2.73	..	17	..	..	...	0.7	...	...
201	Sept. 1	S.	94	20 33	19 27	+ 0.50	....	− 6.20	24	..	..	..	1.4	...	...	...
202	1	S.	44	0 5	20 46	+ 3.23	....	....	..	24	..	..	...	1.9	...	...
203	2	C.	60	20 46	24 25	− 0.01	....	....	42	..	..	..	1.0	...	...	...
204	7	C.	41	22 10	21 47	− 0.52	+ 1.43	....	..	33	..	..	...	1.5	...	...
205	18	C.	73	20 44	18 47	− 0.45	....	....	20	..	..	..	1.1	...	...	...
206	Oct. 7	C.	27	23 17	16 55	+ 0.30	....	....	5	..	5	..	0.6	...	1.0	...
207	10	S.	139	1 6	18 10	− 0.43	− 0.65	− 3.15	..	84	..	..	...	1.5	...	...
208	11	C.	86	21 21	16 54	− 1.88[2]	− 0.83	....	9	..	..	..	1.4	...	...	...
209	14	S.	106	22 18	25 40	− 0.26	....	....	51	..	..	..	1.4	...	...	...
210	Nov. 28	C.	108	2 22	27 33	+ 0.30	....	....	55	..	..	..	1.4	...	...	...
211	28	C.	86	6 50	28 46	+ 1.58	....	− 2.53	51	..	..	..	1.0	...	...	...
212	Dec. 2	C.	75	0 22	22 40	− 0.79	....	....	11	..	60	..	1.1	...	2.0	...
213	4	S.	23	3 38	21 19	+ 0.04	....	....	..	16	..	..	...	1.6	...	...
214	18	C.	125	3 50	28 9	+ 0.94	....	....	66	..	..	..	1.2	...	...	...
215	30	C.	5	2 4	30 4	(**)	....	....	..	..	..	..	...	...	...	...
216	1849 Jan. 23	C.	25	5 40	29 27	+ 0.51	− 7.39	....	18	..	..	..	1.9	...	...	...
217	23	C.	77	7 11	29 59	+ 0.88	....	− 3.24	41	..	..	..	1.1	...	...	...
218	23	C.	47	9 31	28 46	+ 1.88	....	− 2.86	24	..	..	..	1.1	...	...	...
219	27	C.	32	4 25	23 41	− 1.55	....	....	21	..	..	..	1.5	...	...	...
220	27	C.	50	6 44	23 48	− 1.54	....	....	21	..	..	..	1.1	...	...	...
221	Feb. 9	S.	75	5 44	28 49	− 1.89	− 1.74	....	33	..	..	..	1.5	...	...	...
222	9	S.	64	8 21	26 54	− 1.90	....	....	32	..	..	..	1.5	...	...	...
223	10	C.	50	4 19	28 49	− 0.58	....	....	25	..	..	..	1.3	...	...	...
224	13	C.	113	8 56	32 36	− 0.08	....	....	48	..	..	..	1.1	...	...	...
225	13	C.	81	12 40	32 35	− 1.33	....	....	30	..	..	..	1.1	...	...	...

[1] Value checked by comparison with Washington Zones.
[2] Value checked by comparison with Washington A. G. Catalogue.
** Zone rejected.

TABLE I.—*Register of Zones—Mural Circle Declinations*—Continued.

Zone.	Date.	Obs'r.	No. of Stars.	Mean R. A.	Mean South Decl.	Zone Corr.	Change per—		No. of Stars Used.				Δδ.			
							Hour.	Degree.	Gou	AW	WaZ	AG	Gou	AW	WaZ	AG
	1849			h m	° ′	″	″	″					″	″	″	″
226	Feb. 15	C.	88	7 12	31 20	+ 0.89	....	− 4.76	43	..	..	..	1.2	...	...	...
227	16	S.	40	5 30	25 39	− 0.20	− 2.82	− 3.30	19	..	..	..	0.9	...	...	...
228	16	S.	42	6 51	31 20	− 0.71	....	....	22	..	..	..	1.4	...	...	...
229	16	S.	42	8 35	23 49	− 3.11	− 2.10	....	27	..	..	..	1.1	...	...	...
230	19	C.	35	6 12	29 22	+ 0.34	....	− 2.62	25	..	..	..	1.1	...	...	...
231	19	C.	65	8 5	31 20	+ 0.64	....	− 2.66	28	..	..	..	1.0	...	...	...
232	23	S.	101	7 12	31 17	− 0.89	....	− 4.51	50	..	..	..	1.2	...	...	...
233	Mar. 7	C.	95	8 45	35 2	+ 0.96	....	− 2.35	40	..	..	..	1.6	...	...	...
234	12	S.	33	8 54	26 55	− 0.99	....	....	17	..	..	..	1.4	...	...	...
235	16	S.	97	8 40	37 36	+ 1.59	....	....	30	..	..	..	1.8	...	...	...
236	16	S.	40	11 50	35 6	+ 0.91	....	....	19	..	..	..	1.6	...	...	...
237	19	C.	42	11 50	30 45	+ 0.54	....	....	19	..	..	..	1.1	...	...	...
238	22	S.	111	9 30	35 38	+ 0.24	+ 0.74	....	19	..	..	..	1.4	...	...	...
239	22	S.	62	13 15	34 30	− 0.34	....	....	24	..	..	..	1.5	...	...	...
240	23	C.	66	10 22	33 12	+ 1.28	+ 1.62	....	16	..	..	..	1.4	...	...	...
241	23	C.	75	13 50	33 12	− 3.85	....	....	28	..	..	..	1.1	...	...	...
242	29	C.	80	12 50	30 1	+ 0.29	....	....	33	..	..	..	1.0	...	...	...
243	30	S.	114	13 12	36 56	− 0.61	....	....	50	..	..	..	1.5	...	...	...
244	Apr. 2	S.	131	11 40	35 5	+ 0.25	....	....	41	..	..	..	1.6	...	...	...
245	5	C.	101	10 25	26 19	+ 0.13	....	....	51	..	..	..	1.2	...	...	...
246	5	C.	51	13 33	38 6	+ 1.52	....	....	18	..	..	..	1.4	...	...	...
247	10	C.	12	12 1	30 42	+ 0.66	....	....	8	..	..	..	1.9	...	...	...
248	11	S.	123	11 34	40 0	+ 1.85	....	....	33	..	..	..	1.3	...	...	...
249	12	C.	36	10 11	24 34	− 7.83	....	....	18	..	..	..	1.5	...	...	...
			71	13 1	24 21	−10.14	....	....	38	..	..	..	1.1	...	...	...
250	14	C.	54	11 15	24 22	− 6.86	− 2.28	....	21	..	..	..	1.3	...	...	...
251	16	S.	136	11 40	23 12	− 4.41	....	....	52	..	..	..	1.4	...	...	...
252	20	S.	97	11 44	25 2	− 1.10	+ 0.98	− 3.25	36	..	..	..	1.4	...	...	...
253	May 2	S.	62	15 37	21 54	− 0.88	....	....	..	..	18	..	...	...	1.4	...
254	11	S.	66	15 0	25 28	− 5.80	....	− 3.34	26	..	..	..	1.8	...	...	...
255	June 16	C.	62	16 25	20 4	− 2.80[1]	....	....	11	..	..	..	0.9	...	...	...
256	18	C.	99	15 52	21 19	− 2.08[1]	....	....	10	..	..	..	0.9	...	...	...
257	19	S.	48	16 52	21 54	− 2.07[1]	....	....	10	..	..	..	1.0	...	...	...
258	20	C.	100	17 38	20 41	− 0.15	+ 1.30	− 5.87	15	..	..	..	0.9	...	...	...
259	21	S.	124	17 54	19 23	− 1.30	....	− 9.25	29	..	..	..	1.3	...	...	...
260	22	C.	47	15 48	20 40	+ 1.27	....	− 9.26	9	..	17	..	1.1	...	1.2	...
261	22	C.	107	18 13	20 3	+ 0.94	....	− 4.74	8	..	35	..	0.9	...	1.5	...
262	July 2	C.	58	18 36	29 29	− 3.68	....	....	28	..	..	..	1.2	...	...	...
263	3	C.	25	16 6	29 44	− 1.39	....	....	6	..	19	..	1.6	...	1.6	...
264	5	C.	26	16 7	29 25	− 0.90	....	....	11	..	21	..	0.9	...	1.4	...
265	5	C.	25	17 6	21 23	− 0.86	....	....	..	..	17	..	...	...	0.9	...
266	11	C.	100	18 3	21 20	− 1.60	....	....	14	..	..	..	1.1	...	...	...
267	17	C.	21	17 18	31 20	− 0.17	....	....	8	..	14	..	1.0	...	1.5	...
268	17	C.	28	17 43	21 55	− 0.99	....	− 3.64	7	..	17	..	0.8	...	1.3	...
	1851															
269	Mar. 11	Bn.	18	9 34	21 57	− 2.08	− 5.97	+12.32	..	8	..	..	...	1.2	...	...
270	21	Bn.	44	10 36	21 53	− 2.83	....	....	..	24	..	..	...	1.9	...	...
271	24	Bn.	53	9 36	19 23	− 1.25	+ 1.30	− 4.84	..	29	..	..	...	1.9	...	...
272	25	Bn.	46	9 45	21 22	− 1.27	....	− 3.86	..	25	..	..	...	1.5	...	...
273	26	Bn.	56	9 41	23 48	− 0.49	....	....	21	..	..	..	1.0	...	...	...
274	28	Bn.	54	9 20	20 3	− 1.34	....	....	..	29	..	..	...	1.1	...	...
275	Apr. 9	Bn	23	9 26	24 23	− 2.29	....	....	14	..	..	..	1.0	...	...	...
276	22	Bn.	52	11 35	19 28	− 1.83	....	....	..	22	..	..	...	1.6	...	...
277	May 7	Bn.	45	13 4	21 54	− 1.66	....	....	..	29	..	..	...	1.3	...	...
278	Sept. 4	Bn.	25	20 55	18 10	− 1.04	....	....	6	..	18	..	1.2	...	1.6	...
279	15	Bn.	17	19 35	18 10	+ 3.85	....	....	..	15	..	..	...	1.2	...	...
280	26	Bn.	19	22 32	18 9	− 0.44	....	....	..	10	..	..	...	1.1	...	...
281	Oct. 10	Bn.	23	21 20	16 18	− 2.60	....	....	..	11	..	..	...	0.8	...	...
282	27	Bn.	47	20 49	15 35	− 3.19	....	....	12	..	..	..	1.3	...	...	...

[1] Value checked by comparison with Washington Zones.

TABLE I. *Register of Zones—Transit Instrument Right Ascensions.*

[For explanation of this table, see page XIV.]

Zone.	Date.	Obs'r.	No. of Stars.	Mean R. A.	Mean South Decl.	Zone Corr.	Change per—		No. of Stars Used.				Δα cos δ.			
							Hour.	Degree.	Gou	AW	WaZ	AG	Gou	AW	WaZ	AG
	1846			h m	° ′	s	s	s					s	s	s	s
1	Mar. 21	A.	8	9 37	39 25	(**)	.....	.....	..	..	..	..	....	....	....	....
2†	Apr. 6	K.	12	14 37	39 26	+0.25	.....	.....	11	..	..	..	0.12	....	....	....
3†	6	K.	10	16 25	39 26	+0.26	.....	.....	8	..	..	..	0.08	....	....	....
4	9	A.	15	10 28	39 28	+0.048	−0.210	.....	8	..	..	..	0.06	....	....	....
5†	13	K.	21	10 3	39 29	+0.308	.....	+1.047	6	..	5[1] 10	..	0.11	....	0.08 0.05	....
6†	13	K.	43	11 51	39 28	+0.14	.....	.....	7	..	18	..	0.11	....	0.15	....
7†	15	K.	52	12 1	38 29	+0.014	−0.159	.....	27	..	..	..	0.13	....	....	....
8†	15	K.	28	14 57	38 21	+0.18	.....	.....	12	..	..	..	0.09	....	....	....
9	16	A.	13	10 44	37 5	+0.07	.....	.....	10	..	..	..	0.10	....	....	....
10	16	A.	9	15 2	37 5	+0.32	.....	.....	8	..	..	..	0.08	....	....	....
11†	17	K.	44	12 14	35 47	+0.07	.....	.....	18	..	..	..	0.13	....	....	....
12†	17	K.	40	16 10	35 47	+0.24	.....	.....	28	..	..	..	0.06	....	....	....
13	18	A.	21	10 25	34 33	+0.16	.....	.....	13	..	..	..	0.08	....	....	....
14†	20	K.	60	12 6	33 16	+0.15	.....	.....	18	..	..	..	0.15	....	....	....
15†	20	K.	80	16 5	33 16	+0.05	.....	.....	38	..	..	..	0.08	....	....	....
16†	27	K.	33	12 54	28 18	+0.11	.....	.....	20	..	..	..	0.11	....	....	....
17†	May 4	K.	111	15 16	29 25	+0.240	+0.101	.....	22[1] 16	.. ..	.. ..	.. ..	0.10 0.11	....	....	....
18	19	A.	18	15 44	30 50	+0.16	.....	.....	14	..	..	..	0.11	....	....	....
19†	20	K.	77	15 31	34 31	+0.19	.....	.....	22	..	..	..	0.09	....	....	....
20†	20	K.	63	18 33	34 31	+0.16	.....	.....	13	..	..	..	0.09	....	....	....
21	21	A.	37	16 32	38 49	−0.090	+0.062	.....	31	..	..	..	0.08	....	....	....
22	25	A.	50	16 32	36 57	−0.01	.....	.....	33	..	..	..	0.07	....	....	....
23†	27	K.	12	15 27	38 15	+0.16	.....	.....	5	..	6	..	0.10	....	0.14	....
24†	27	K.	14	19 21	38 13	−0.44	.....	.....	4	..	..	..	0.09	....	....	....
25†	June 3	K.	112	18 1	30 48	+0.21	......	.....	19	..	..	..	0.11	....	....	....
26†	15	K.	91	17 42	33 21	+0.01	.....	.....	28[1] 3	.. ..	.. ..	.. ..	0.08 0.08	....	....	....
27†	15	K.	35	20 18	33 21	−0.08	.....	.....	13[1] 3	.. ..	.. ..	.. ..	0.08 0.04	....	....	....
28	16	A.	18	15 0	31 59	−0.04	.....	.....	10	..	..	..	0.09	....	....	....
29†	17	K.	80	17 1	38 17	+0.10	.....	.....	26	..	..	..	0.09	....	....	....
30	18	A.	145	18 25	32 0	0.00	.....	.....	57	..	..	..	0.11	....	....	....
31†	22	K.	15	17 20	35 40	0.00	.....	.....	7	..	..	..	0.10	....	....	....
32	24	A.	91	17 40	29 30	−0.11	.....	.....	35	..	..	..	0.11	....	....	....
33	July 6	A.	34	15 42	28 16	+0.05[2]	.....	.....	8	..	..	..	0.16	....	....	....
34†	7	K.	23	16 32	39 35	+0.32	.....	.....	8[1] 1	.. ..	.. ..	.. ..	0.14 0.07	....	....	....
35†	7	K.	16	19 38	34 31	+0.23	.....	.....	3[1] 2	.. ..	.. ..	.. ..	0.14 0.07	....	....	....
36†	9	K.	137	17 24	27 1	+0.08	.....	.....	44[1] 10	.. ..	.. ..	.. ..	0.09 0.12	....	....	....
37	10	A.	7	16 10	34 32	−0.06	.....	.....	4	..	..	..	0.18	....	....	....
38	10	A.	12	16 48	37 2	+0.15	.....	.....	3	..	..	..	0.08	....	....	....
39	10	A.	37	17 29	34 36	+0.03	.....	.....	15	..	..	..	0.09	....	....	....
40	10	A.	12	18 9	29 34	−0.06	.....	.....	3	..	7	..	0.02	....	0.07	....
41	10	A.	50	19 27	35 44	−0.07	.....	.....	14	..	..	..	0.12	....	....	....
42†	11	K.	25	16 35	28 16	−0.02	.....	.....	5[1] 1	.. ..	11[1] 1	.. ..	0.04 0.07	....	0.08 0.04	....
43†	11	K.	43	17 36	39 26	−0.015	.....	+0.470	16[1] 4	.. ..	.. ..	.. ..	0.14 0.07	....	....	....
44†	14	K.	50	17 51	35 41	−0.04	.....	.....	22[1] 2	.. ..	.. ..	.. ..	0.10 0.07	....	....	....
45†	14	K.	36	19 15	33 16	+0.01	.....	.....	26[1] 1	.. ..	.. ..	.. ..	0.13 0.01	....	....	....
46†	15	K.	8	16 48	30 7	−0.10	.....	.....	3[1]	..	5[1] 2	..	0.06	....	0.08 0.15	....
47†	15	K.	35	18 12	38 17	+0.02	.....	.....	18[1] 3	.. ..	.. ..	.. ..	0.13 0.10	....	....	....
48†	24	K.	27	22 3	32 0	+0.06	.....	.....	8[1] 9	.. ..	.. ..	.. ..	0.10 0.09	....	....	....
49	29	A.	34	20 28	30 44	+0.08	.....	.....	9	..	21	..	0.10	....	0.12	....
50	Aug. 3	A.	25	22 16	28 9	+0.064	.....	−0.319	19	..	..	..	0.12	....	....	....
51	5	A.	50	17 53	28 13	−0.154	+0.157	.....	22	..	..	..	0.09	....	....	....
52	8	A.	75	20 0	28 12	−0.11[2]	.....	.....	38	..	..	..	0.10	....	....	....
53	11	A.	89	18 40	25 42	+0.22	.....	.....	32	..	..	..	0.11	....	....	....
54	11	A.	54	21 34	25 42	+0.220	−0.269	.....	19	..	..	..	0.13	....	....	....
55†	12	K.	7	17 42	31 21	−0.51	.....	.....	..	..	4	..	....	....	0.09	....
56	12	K.	46	19 33	36 56	+0.07	.....	.....	18	..	..	..	0.11	....	....	....
57	13	A.	108	19 59	24 26	+0.12	.....	.....	43	..	..	..	0.13	....	....	....
58	18	A.	15	18 55	28 29	+0.40	.....	.....	..	..	9	..	....	....	0.12	....
59	18	A.	80	20 38	29 29	+0.41	.....	.....	34	..	..	..	0.11	....	....	....
60	29	A.	31	19 30	39 30	−0.13	.....	.....	8	..	..	..	0.05	....	....	....
61	29	A.	29	20 43	35 45	−0.115	−0.920	−0.386	8	..	..	..	0.15	....	....	....

[1] One-thread observations to which half weight only was given in solving for zone correction.

[2] Value checked by comparison with Washington Zones.

** Zone rejected.

† The original records have been obscured by having the pencil figures inked over.

TABLE I. *Register of Zones—Transit Instrument Right Ascensions*—Continued.

Zone.	Date.	Obs'r.	No. of Stars.	Mean R. A.	Mean South Decl.	Zone Corr.	Change per—		No. of Stars Used.				$\Delta\alpha \cos \delta$.			
							Hour.	Degree.	Gou	AW	WaZ	AG	Gou	AW	WaZ	AG
	1846			h m	° ′	s	s	s					s	s	s	s
62	Sept. 2	A.	16	18 24	31 59	+0.31	.....	.....	6	..	..	..	0.11	....	....	....
63	2	A.	25	19 16	27 4	+0.330	.....	−0.598	..	..	12	..	....	....	0.19	....
64	7	A.	45	22 38	24 26	+0.45	.....	.....	27	..	..	..	0.15	....	....	....
65	9	A.	22	18 44	39 30	+0.47	.....	.....	6	..	..	..	0.11	....	....	....
66	9	A.	108	22 20	33 14	+0.10	.....	.....	46	..	..	..	0.12	....	....	....
67	14	K.	9	19 44	35 6	+0.06	.....	.....	7	..	5	..	0.12	....	0.09	....
68	14	K.	27	21 30	35 42	+0.03	.....	.....	9	..	4	..	0.09	....	0.11	....
69	14	K.	21	23 30	35 42	+0.14	.....	.....	3[1] 4	.. ..	2[1] 4	.. ..	0.07 0.05	....	0.12 0.18	....
70	15	A.	100	20 38	26 58	−0.082	−0.732	.....	40	..	..	..	0.13	....	....	....
71	16	K.	62	21 55	38 11	+0.049	.....	−0.344	16[1] 17	.. ..	.. ..	.. ..	0.12 0.09	....	....	....
72	19	A.	17	19 46	30 45	+0.054	.....	−2.700	8	..	12	..	0.12	....	0.14	....
73	19	A.	80	22 3	34 27	−0.295	.....	−3.393	31	..	..	..	0.15	....	....	....
74	21	K.	70	22 21	36 53	−0.055	.....	−3.804	20[1] 15	.. ..	.. ..	.. ..	0.10 0.17	....	....	....
75	22	A.	33	20 20	35 35	+0.900	.....	−4.284	5	..	11	..	0.18	....	0.16	....
76	22	A.	80	22 41	29 27	+0.145	.....	−3.420	41	..	..	..	0.13	....	....	....
77	23	K.	104	22 59	30 42	−0.02	.....	.....	47	..	..	..	0.12	....	....	....
78	24	A.	15	20 32	39 29	+0.09	.....	.....	9	..	..	..	0.12	....	....	....
79	24	A.	75	22 41	29 28	+0.12	.....	.....	41	..	..	..	0.10	....	....	....
80	24	A.	19	1 3	29 28	+0.14	.....	.....	12	..	..	..	0.13	....	....	....
81	25	K.	54	22 0	28 12	0.00	.....	.....	32	..	..	..	0.11	....	....	....
82	30	A.	50	0 5	28 13	+0.07	.....	.....	19	..	..	..	0.14	....	....	....
83	Oct. 3	A.	17	21 35	24 30	+0.28[2]	.....	.....	6	..	..	..	0.09	....	....	....
84	3	A.	58	23 4	26 58	+0.24	.....	.....	17	..	..	..	0.19	....	....	....
85	5	K.	22	23 18	25 39	+0.02	.....	.....	14	..	..	..	0.09	....	....	....
86	6	A.	17	22 41	35 46	+0.19	.....	.....	11	..	..	..	0.07	....	....	....
87	7	K.	50	23 35	32 0	−0.026	+0.095	.....	18	..	..	..	0.08	....	....	....
88	8	A.	12	23 8	34 29	+0.12	.....	.....	5	..	..	..	0.22	....	....	....
89	8	A.	12	0 15	29 29	+0.47	.....	.....	..	..	9	..	....	....	0.16	....
90	9	K.	67	1 6	26 54	+0.152	+0.080	.....	31	..	..	..	0.12	....	....	....
91	10	A.	13	20 3	24 24	+0.27[2]	.....	.....	6	..	..	..	0.09	....	....	....
92	10	A.	23	1 5	36 54	+0.40	.....	.....	11	..	..	..	0.07	....	....	....
93	15	A.	16	0 29	33 8	+0.608	−0.500	+0.407	9	..	..	..	0.17	....	....	....
94	16	K.	35	22 1	39 22	+0.13	.....	.....	17	..	..	..	0.09	....	....	....
95	16	K.	46	2 4	28 8	−0.02	.....	.....	23	..	..	..	0.12	....	....	....
96	17	A.	11	23 19	39 25	+0.39[2]	.....	.....	7	..	..	..	0.09	....	....	....
97	19	K.	10	0 0	39 26	+0.13[2]	.....	.....	5	..	..	..	0.16	....	....	....
98	24	A.	55	2 0	34 24	+0.11	.....	.....	32	..	..	..	0.11	....	....	....
99	26	K.	54	1 59	30 39	−0.03	.....	.....	33	..	..	..	0.12	....	....	....
100	28	A.	20	0 31	34 23	+0.06	.....	.....	9	..	..	..	0.11	....	....	....
101	28	A.	40	2 7	29 25	+0.352	+0.423	.....	31	..	..	..	0.17	....	....	....
102	Nov. 16	K.	19	2 29	33 9	+0.01	.....	.....	9	..	..	..	0.08	....	....	....
103	20	K.	36	1 47	39 23	−0.073	+0.090	.....	19	..	..	..	0.14	....	....	....
	1847															
104	Feb. 5	H.	48	8 59	30 24	+0.092	−0.269	.....	14	..	..	..	0.12	....	....	....
105	Apr. 3	K.	24	9 37	26 53	−0.28	.....	.....	16	..	..	..	0.11	....	....	....
106	6	K.	20	10 24	26 52	+0.22[2]	.....	.....	8	..	..	..	0.07	....	....	....
107	9	K.	58	10 18	30 44	−0.30	.....	.....	25	..	..	..	0.11	....	....	....
108	13	K.	2	10 23	29 39	(**)	.....	.....	..	..	..	..	....	....	....	....
109	16	K.	104	11 7	29 47	−0.35	.....	.....	36	..	..	..	0.10	....	....	....
110	16	K.	26	15 8	29 47	−0.51	.....	.....	16	..	..	..	0.12	....	....	....
111	21	K.	21	10 24	28 48	−0.02	.....	.....	9	..	..	..	0.09	....	....	....
112	24	K.	3	11 2	29 0	+0.06	.....	.....	1[1] 2	.. ..	.. ..	.. ..	0.18 0.10	....	....	....
113	24	K.	4	14 53	28 48	+0.14	.....	.....	2[1] 2	.. ..	.. ..	.. ..	0.12 0.09	....	....	....
114	26	K.	9	10 39	29 30	−0.52	.....	.....	1[1] 2	..	5	..	0.11 0.02	....	0.13	....
115	May 4	K.	64	12 28	31 19	−0.07	.....	.....	11[1] 14	.. ..	.. ..	.. ..	0.28 0.14	....	....	....
116	6	K.	51	13 20	28 50	−0.84	.....	.....	19[1] 19	.. ..	.. ..	.. ..	0.18 0.15	....	....	....
117	6	K.	36	16 39	28 50	−0.99	.....	.....	14[1] 7	.. ..	.. ..	.. ..	0.10 0.09	....	....	....
118	18	K.	33	14 48	28 15	−0.10	.....	.....	18	..	..	..	0.11	....	....	....
119	28	K.	118	15 25	30 44	−0.622	+0.074	.....	31[1] 10	.. ..	.. ..	.. ..	0.14 0.10	....	....	....
120	28	K.	88	18 2	31 2	−0.57	.....	.....	21[1] 6	.. ..	.. ..	.. ..	0.11 0.12	....	....	....
121	June 11	K.	56	16 16	26 55	−0.06	.....	.....	8[1] 18	.. ..	.. ..	.. ..	0.14 0.11	....	....	....
122†	17	K.	75	16 47	30 3	+0.300	+0.122	.....	21[1] 15	.. ..	.. ..	.. ..	0.14 0.15	....	....	....
			29	20 1	30 3	+0.43	.....	.....	15[1] 12	.. ..	.. ..	.. ..	0.12 0.15	....	....	....

---

[1] One-thread observations to which half weight only was given in solving for zone corrections.

[2] Value checked by comparison with Washington Zones.

** Zone rejected.

† For the last two-thirds of this zone the original records are missing; an ink copy used.

TABLE I.—*Register of Zones—Transit Instrument Right Ascensions*—Continued.

Zone.	Date.	Obs'r.	No. of Stars.	Mean R. A.	Mean South Decl.	Zone Corr.	Change per—		No. of Stars Used.				Δα cos δ.			
							Hour.	Degree.	Gou	AW	WaZ	AG	Gou	AW	WaZ	AG
				h m	° '	s	s	s					s	s	s	s
123	1847 June 21	Be.	67	17 30	30 4	+0.190	+0.125	.....	12	..	..	..	0.14	....	....	....
124†	24	K.	42	16 23	30 27	+0.24[1]	.....	.....	11[2] 5	.. ..	.. ..	.. ..	0.12 0.12	....	....	....
125	25	Be.	78	19 5	29 37	−0.090	.....	−0.498	35	..	..	..	0.14	....	....	....
126†	Aug. 30	K.	66	19 44	29 25	+0.10	.....	.....	19[2] 24	.. ..	.. ..	.. ..	0.10 0.10	....	....	....
127	Sept. 3	Be.	30	20 59	27 34	+0.017	.....	+0.850	13	..	..	..	0.10	....	....	....
			44	0 10	27 34	+0.08	.....	.....	18	..	..	..	0.12	....	....	....
128†	4	K.	58	20 15	28 47	+0.07	.....	.....	17	..	..	..	0.10	....	....	....
129	6	Be.	127	23 33	25 40	+0.25	.....	.....	72	..	..	..	0.17	....	....	....
130	13	Be.	46	20 57	31 17	+0.53	.....	.....	25	..	..	..	0.15	....	....	....
131	13	Be.	38	23 53	31 13	+0.64	.....	.....	15	..	..	..	0.10	....	....	....
132†	14	K.	57	20 53	28 9	+0.12	.....	.....	19[2] 16	.. ..	.. ..	.. ..	0.15 0.14	....	....	....
133	15	Be.	61	21 47	26 54	+0.05	.....	.....	35	..	..	..	0.13	....	....	....
134†	16	K.	85	20 46	30 39	−0.27	.....	.....	29	..	..	..	0.10	....	....	....
135†	16	K.	75	0 46	26 53	−0.15	.....	.....	29	..	..	..	0.12	....	....	....
136	21	H.	144	0 7	26 17	−0.14	.....	.....	30	..	..	..	0.19	....	....	....
137†	Oct. 4	K.	37	23 0	24 23	−0.07	.....	.....	17	..	..	..	0.13	....	....	....
138	15	H.	125	23 45	28 19	−0.02	.....	.....	29	..	..	..	0.17	....	....	....
139	15	H.	98	3 0	28 19	+0.04	.....	.....	35	..	..	..	0.12	....	....	....
140†	16	K.	46	24 34	30 4	−0.01	.....	.....	10	..	..	..	0.12	....	....	....
141	18	H.	160	0 10	23 46	−0.04	.....	.....	36	..	..	..	0.16	....	....	....
142	18	H.	177	3 44	23 46	+0.07	.....	.....	26[2] 31	.. ..	.. ..	.. ..	0.17 0.14	....	....	....
143	28	K.	29	23 4	23 8	−0.01	.....	.....	15	..	..	..	0.10	....	....	....
144	28	K.	21	1 59	23 8	−0.01	.....	.....	7[2] 4	.. ..	.. ..	.. ..	0.17 0.11	....	....	....
145	Nov. 2	K.	76	23 17	22 32	−0.43	.....	.....	2[2] 8	.. ..	.. ..	.. ..	0.08 0.13	....	....	....
146	2	K.	37	3 30	22 32	−0.36	.....	.....	..	..	8[2] 5	.. ..	....	....	0.18 0.15	....
147	5	Be.	19	22 57	21 55	+0.063	.....	−0.448	..	15	..	..	....	0.16	....	....
148	Dec. 4	K.	13	0 6	24 24	+0.033	.....	+0.614	7	..	..	..	0.08	....	....	....
149	6	Be.	68	2 10	25 2	−0.056	−0.061	.....	42	..	..	..	0.14	....	....	....
150	6	Be.	17	7 24	25 2	−0.21	.....	.....	9	..	..	..	0.13	....	....	....
151	15	Be.	33	2 53	24 24	−0.02	.....	.....	18	..	..	..	0.15	....	....	....
152	1848 Jan. 18	K.	9	4 33	25 39	−0.23	.....	.....	8	..	..	..	0.07	....	....	....
153	18	K.	8	7 27	25 1	−0.13	.....	.....	2[2] 4	.. ..	2[2] 4	.. ..	0.18 0.05	....	0.18 0.14	....
154	19	Be.	62	7 6	23 48	+0.17	.....	.....	29	..	..	..	0.16	....	....	....
155	20	K.	44	3 23	26 17	−0.19	.....	.....	20	..	..	..	0.10	....	....	....
156	20	K.	100	7 12	26 20	−0.22	.....	.....	26[2] 29	.. ..	.. ..	.. ..	0.13 0.10	....	....	....
157	22	K.	24	3 27	27 0	−0.09	.....	.....	13	..	..	..	0.10	....	....	....
158	22	K.	125	6 48	23 46	−0.10	.....	.....	32[2] 13	.. ..	.. ..	.. ..	0.15 0.09	....	....	....
159	24	Be.	25	8 6	25 3	+0.31	.....	.....	15	..	..	..	0.14	....	....	....
160	29	Be.	17	5 57	25 39	+0.24	.....	.....	4[2] 6	.. ..	.. ..	.. ..	0.29 0.13	....	....	....
161	29	Be.	58	8 10	25 45	+0.03	.....	.....	19	..	..	..	0.10	....	....	....
162	Mar. 29	Be.	70	10 0	25 40	+0.57	.....	.....	38	..	..	..	0.14	....	....	....
163	May 3	Be.	25	14 56	25 40	+0.59	.....	.....	15	..	20	..	0.15	....	0.16	....
164	June 6	Be.	106	17 30	25 38	+0.214	−0.067	.....	55	..	..	..	0.15	....	....	....
165	13	Be.	57	17 16	26 17	+0.37	.....	.....	20	..	..	..	0.12	....	....	....
166	15	Be.	36	15 50	25 3	+0.51	.....	.....	19	..	..	..	0.14	....	....	....
167	16	Pr.	53	19 57	9 16	(**)	.....	.....	..	..	..	..	....	....	....	....
168	20	Be.	62	16 20	24 24	+0.61	.....	.....	24	..	..	..	0.09	....	....	....
169	26	Pr.	124	18 6	20 0	+0.14[1]	.....	.....	13	..	..	..	0.16	....	....	....
170	July 3	Pr.	9	16 49	20 33	−0.02	.....	.....	..	..	2[2] 5	.. ..	....	....	0.32 0.19	....
171	10	Pr.	26	17 44	20 32	+0.46	.....	.....	3	..	8	..	0.14	....	0.28	....
172	15	K.	5	16 55	25 2	+0.47	.....	.....	1[2] 1	.. ..	1[2] 1	.. ..	0.01 0.05	....	0.19 0.01	....
173	17	K.	26	18 51	24 59	+0.36	.....	.....	14	..	..	..	0.11	....	....	....
174	18	Pr.	100	18 0	25 5	+0.192	−0.208	.....	30	..	..	..	0.14	....	....	....
175	19	K.	31	18 4	25 7	+0.418	.....	−0.500	8	..	15	..	0.09	....	0.13	....
176	19	K.	31	21 30	22 32	+0.39	.....	.....	3[2] 4	.. ..	8[2] 15	.. ..	0.09 0.12	....	0.13 0.19	....
177	20	Pr.	15	17 37	27 0	+0.29	.....	.....	7	..	12	..	0.10	....	0.10	....
178	20	Pr.	60	18 51	26 40	+0.13	.....	.....	21	..	..	..	0.19	....	....	....
179	20	Pr.	70	21 4	22 33	+0.045	+0.186	.....	11	..	40	..	0.16	....	0.21	....
180	24	Pr.	65	20 32	21 17	+0.18	.....	.....	13	..	..	..	0.13	....	....	....
181	Aug. 4	Pr.	42	21 15	19 18	−0.01[1]	.....	.....	5	..	..	..	0.18	....	....	....
182	7	Pr.	95	20 21	21 55	+0.43	.....	.....	12	..	..	..	0.15	....	....	....

[1] Value checked by comparison with Washington Zones.
[2] One-thread observations to which half weight only was given in solving for zone corrections.
** Zone rejected.
† The original records are missing; an ink copy used.

TABLE I.—*Register of Zones—Transit Instrument Right Ascensions*—Continued.

Zone.	Date.	Obs'r.	No. of Stars.	Mean R. A.	Mean South Decl.	Zone Corr.	Change per—		No. of Stars Used.				Δα cos δ.			
							Hour.	Degree.	Gou	AW	WaZ	AG	Gou	AW	WaZ	AG
	1848			h m	° ′	s	s	s					s	s	s	s
183	Aug. 14	Pr.	54	19 46	19 25	+0.238	.....	−0.358	11	..	27	..	0.12	....	0.20	....
184	15	Be.	86	18 48	20 42	+0.56	.....	.....	11	..	..	..	0.13	....	....	....
185	16	Pr.	134	19 51	18 46	+0.211	.....	−0.541	13	..	33	..	0.10	....	0.18	....
186	18	Be.	79	20 28	23 45	+0.54[1]	.....	.....	28	..	..	..	0.15	....	....	....
187	24	Be.	19	23 2	21 14	+0.58	.....	.....	..	9	..	..	....	0.20	....	....
188	29	Be.	40	23 20	21 14	+0.40[2]	.....	.....	..	..	19	..	....	....	0.12	....
189	31	Be.	44	23 37	21 50	+0.544	.....	−0.426	..	23	..	..	....	0.18	....	....
190	Sept. 1	Be.	69	20 56	20 36	+0.30	.....	.....	..	..	23	..	....	....	0.19	....
191	1	Be.	37	23 50	20 45	+0.383	−0.202	+0.431	..	5[3] 11	..	..	....	0.21 0.20	....	....
192	2	K.	50	19 45	22 30	+0.31	.....	.....	13	..	..	..	0.12	....	....	....
193	7	Be.	59	21 7	18 50	+0.420	.....	−0.570	8	..	33	..	0.16	....	0.17	....
194	19	Pr.	14	20 57	17 28	+0.26	.....	.....	..	..	..	9	....	....	....	0.09
195	23	Pr.	23	20 39	16 53	+0.578	+0.630	.....	6	..	9	..	0.13	....	0.12	....
196	25	Be.	70	21 2	16 52	+0.44	.....	.....	..	..	24	..	....	....	0.17	....
197	25	Be.	79	0 40	16 52	+0.44	.....	.....	..	41	..	..	....	0.14	....	....
198	Oct. 5	Pr.	36	23 21	19 48	+0.020	+0.266	−0.534	1[3] 4	.. ..	13	..	0.09 0.10	....	0.18	....
199	6	Be.	37	23 15	17 29	+0.638	+0.193	.....	..	..	..	25	....	....	....	0.14
200	7	Pr.	35	23 25	19 28	+0.276	.....	+0.284	7	..	14	..	0.14	....	0.21	....
201	10	Pr.	9	23 10	16 14	(**)	.....	.....	..	..	..	..	....	....	....	....
202	10	Pr.	22	2 24	16 13	+0.086	−0.442	−2.525	..	18	..	..	....	0.14	....	....
203	10	Pr.	22	3 31	19 24	+0.326	.....	−1.872	..	11	..	..	....	0.17	....	....
204	12	Pr.	21	22 3	15 39	+0.100	−0.401	−2.757	..	15	..	..	....	0.18	....	....
205	14	Pr.	89	22 29	15 42	+0.150	.....	−2.156	15	..	..	..	0.17	....	....	....
206	18	Pr.	6	23 43	18 55	(*)	.....	.....	..	..	..	..	....	....	....	....
207	18	Pr.	11	2 3	18 45	+0.447	.....	−3.265	..	..	7	..	....	....	0.17	....
208	20	Pr.	10	21 51	18 42	+0.033	−0.896	−2.054	..	..	2[3] 5	..	....	....	0.21 0.14	....
209	24	Be.	74	1 19	18 44	+0.259	−0.128	−2.376	..	39	..	..	....	0.21	....	....
210	1849 Jan. 23	K.	37	7 0	26 52	(*)	.....	.....	..	..	..	..	....	....	....	....
211	27	K.	16	4 26	26 54	+0.04	.....	.....	7[3] 6	..	..	..	0.09 0.09	....	....	....
212	Feb. 10	Be.	30	4 44	26 15	+0.03	.....	.....	21	..	..	..	0.10	....	....	....
213	13	Be.	55	8 57	33 6	+0.042	.....	−0.530	23	..	..	..	0.12	....	....	....
214	13	Be.	24	12 23	36 19	−0.15	.....	.....	6	..	6	..	0.11	....	0.11	....
215	19	K.	52	7 58	28 47	−0.211	+0.100	.....	20[3] 18	..	..	..	0.11 0.09	....	....	....
216	19	K.	10	9 52	38 50	−0.263	−0.464	.....	3[3] 4	..	..	..	0.10 0.06	....	....	....
217	23	Be.	88	7 15	31 54	+0.15	.....	.....	33	..	..	..	0.17	....	....	....
218	Mar. 7	Be.	95	8 40	34 30	+0.500	−0.127	.....	22	..	..	..	0.10	....	....	....
219	12	K.	19	8 50	35 40	+0.03	.....	.....	4[3] 1	..	6[3] 7	..	0.19 0.07	....	0.19 0.15	....
220	16	K.	70	8 34	36 54	+0.171	−0.118	.....	28	..	..	..	0.11	....	....	....
221	16	K.	18	12 4	34 27	−0.05	.....	.....	11	..	..	..	0.11	....	....	....
222	19	Be.	93	9 30	41 18	+0.308	+0.106	−0.292	33	..	..	..	0.08	....	....	....
223	22	K.	96	9 25	38 16	+0.141	−0.139	.....	39	..	..	..	0.11	....	....	....
224	22	K.	45	13 5	35 7	−0.014	.....	−0.456	11	..	..	..	0.10	....	....	....
225	23	Be.	148	10 11	31 53	+0.35	.....	.....	21	..	..	..	0.11	....	....	....
226	23	Be.	38	14 4	35 40	+0.19	.....	.....	16	..	..	..	0.09	....	....	....
227	29	Be.	75	12 54	30 40	+0.351	.....	−0.381	26	..	..	..	0.14	....	....	....
228	30	K.	75	13 2	39 26	−1.71	.....	.....	14	..	..	..	0.08	....	....	....
229	Apr. 2	Be.	115	12 10	24 23	−0.67	.....	.....	41	..	..	..	0.13	....	....	....
230	5	K.	70	10 8	25 0	−0.101	−0.159	.....	21	..	..	..	0.13	....	....	....
231	5	K.	46	14 9	24 59	−0.349	−0.118	−0.463	15	..	..	..	0.09	....	....	....
232	10	Be.	98	12 45	30 30	+0.10	.....	.....	28	..	..	..	0.14	....	....	....
233	11	K.	72	11 11	26 15	+0.06	.....	.....	25	..	..	..	0.10	....	....	....
234	11	K.	19	12 50	27 32	−0.10	.....	.....	6[3] 3	..	10[3] 5	..	0.24 0.19	....	0.19 0.14	....
235	12	Be.	100	13 25	25 42	+0.162	+0.061	−0.295	30	..	..	..	0.13	....	....	....
236	14	Be.	23	10 44	26 54	+0.025	+0.453	.....	5	..	13	..	0.12	....	0.16	....
237	16	Be.	109	12 22	22 31	+0.07	.....	.....	17	..	..	..	0.11	....	....	....
238	20	Be.	83	11 50	23 46	+0.27	.....	.....	26	..	..	..	0.15	....	....	....
239	May 2	Be.	55	15 35	23 45	+0.02	.....	.....	20	..	..	..	0.09	....	....	....
240	11	K.	48	14 20	23 46	+0.05	.....	.....	17	..	..	..	0.11	....	....	....
241	19	K.	67	13 0	29 23	−0.05	.....	.....	20	..	..	..	0.09	....	....	....
242	23	K.	9	16 28	23 46	−0.05	.....	.....	2[3] 2	..	2[3] 6	..	0.13 0.02	....	0.09 0.21	....
243	June 18	Be.	41	16 35	23 8	+0.099	−0.230	.....	20	..	..	..	0.10	....	....	....
244	20	Be.	74	16 48	21 14	+0.18	.....	.....	8	..	28	..	0.08	....	0.16	....
245	22	Be.	69	17 16	21 50	+0.30	.....	.....	10	..	21	..	0.10	....	0.12	....
246	1851 Feb. 18	Be.	30	8 38	25 0	+0.04	.....	.....	17	..	..	..	0.07	....	....	....
247	19	Be.	24	6 59	25 7	−0.03	.....	.....	10	..	9	..	0.09	....	0.15	....
248	22	Be.	29	7 45	22 45	+0.02[1]	.....	.....	18	..	..	..	0.08	....	....	....
249	25	Be.	26	7 36	22 35	−0.08	.....	.....	..	17	..	..	....	0.12	....	....
250	Mar. 3	Be.	24	10 17	22 0	+0.03	.....	.....	..	12	..	..	....	0.11	....	....

[1] Value checked by comparison with Washington Zones.
[2] Value checked by comparison with Argelander.
[3] One-thread observations to which half weight only was given in solving for zone corrections.
** Zone rejected.
* Right ascension rejected.

TABLE I.—*Register of Zones—Transit Instrument Right Ascensions*—Continued.

Zone.	Date.	Obs'r.	No. of Stars.	Mean R. A.	Mean South Decl.	Zone Corr.	Change per—		No. of Stars Used.				Δα cos δ.			
							Hour.	Degree.	Gou	AW	WaZ	AG	Gou	AW	WaZ	AG
	1851			h m	° ′	s	s	s					s	s	s	s
251	Mar. 8	Be.	33	10 37	21 57	+0.07	.....	.....	5	..	26	..	0.09	....	0.06	....
252	11	Be.	54	9 2	20 20	+0.02	.....	.....	10	..	..	..	0.09	....	....	....
253	21	Be.	49	9 51	20 7	+0.069	+0.232	.....	..	27	..	..	....	0.16	....	....
254	24	...	73	9 16	22 34	+0.023	−0.105	.....	11	..	..	..	0.06	....	....	....
255	25	Be.	119	10 25	21 20	+0.01	.....	.....	..	61	..	..	....	0.14	....	....
256	26	...	89	9 18	21 19	−0.13	.....	.....	..	46	..	..	....	0.13	....	....
257	28	...	53	9 0	20 30	+0.10	.....	.....	8	..	42	..	0.06	....	0.11	....
258	Apr. 3	...	64	9 39	19 26	−0.078	+0.100	.....	..	27	..	..	....	0.12	....	....
259	9	...	63	9 48	18 49	−0.140	+0.105	.....	..	34	..	..	....	0.10	....	....
260	11	...	28	9 12	23 12	−0.03	.....	.....	19	..	..	..	0.09	....	....	....
261	18	...	50	11 0	20 44	−0.040	−0.151	+0.439	..	21	..	..	....	0.12	....	....
262	22	...	44	11 41	21 57	−0.23	.....	.....	..	27	..	..	....	0.09	....	....
263	June 7	...	41	15 8	21 54	−0.13	.....	.....	..	22	..	..	....	0.06	....	....
264	17	...	12	14 58	22 30	−0.307	−0.259	.....	..	9	..	..	....	0.10	....	....
265	19	...	32	16 4	21 54	−0.09[1]	.....	.....	..	..	23	..	....	....	0.10	....
266	24	...	11	16 7	22 38	−0.02	.....	.....	..	7	9	..	....	0.08	0.14	....
267	July 28	...	35	17 24	19 23	−0.12	.....	.....	..	21	..	..	....	0.08	....	....
268	Aug. 6	...	84	18 54	16 21	−0.05	.....	.....	..	53	..	..	....	0.11	....	....
269	27	...	27	19 24	18 47	+0.04	.....	.....	6	21	19	..	0.10	0.15	0.25	....
270	Sept. 1	...	17	19 52	18 12	+0.03	.....	.....	..	14	10	..	....	0.12	0.08	....
271	4	...	41	20 52	18 49	0.00	.....	.....	11	..	26	..	0.07	....	0.08	....
272	9	...	36	20 30	17 31	+0.03	.....	.....	..	19	..	..	....	0.09	....	....
273	10	...	62	20 20	16 59	−0.03	.....	.....	8	..	31	..	0.10	....	0.13	....
	1852															
274	Apr. 15	...	14	14 36	19 22	+0.012	−1.178	+1.257	..	9	..	..	....	0.13	....	....
275	May 4	...	35	11 23	19 36	+0.19	.....	.....	..	9	23	..	....	0.12	0.13	....
276	6	K.	36	12 5	20 2	−0.02	.....	.....	..	13	..	..	....	0.15	....	....
277	18	...	25	15 23	20 38	+1.27	.....	.....	..	15	..	..	....	0.08	....	....
278	20	...	39	13 35	20 39	−0.40	.....	.....	..	15	..	..	....	0.14	....	....
279	24	...	32	13 42	19 23	−0.34	.....	.....	..	20	..	..	....	0.15	....	....
280	June 15	...	28	17 33	19 27	+0.435	−0.256	−0.753	..	15	..	..	....	0.12	....	....
281	25	...	29	15 24	19 25	−0.351	−0.394	.....	..	20	..	..	....	0.14	....	....
282	July 8	...	42	18 11	17 28	−0.01	.....	.....	..	12	..	..	....	0.11	....	....
283	19	...	22	20 8	17 0	−0.05	.....	.....	..	16	..	..	....	0.05	....	....
284	21	...	23	19 36	17 32	−0.02	.....	.....	..	16	..	..	....	0.12	....	....

[1] Value checked by comparison with Argelander.

TABLE I.—*Register of Zones—Transit Instrument Declinations.*

[For explanation of this table, see page xiv.]

Zone.	Date.	Obs'r.	No. of Stars.	Mean R. A.	Mean South Decl.	Zone Corr.	Change per—		No. of Stars Used.				Δδ.			
							Hour.	Degree.	Gou	AW	WaZ	AG	Gou	AW	WaZ	AG
	1846			h m	° '	"	"	"					"	"	"	"
1	Mar. 21	A.	8	9 37	39 25	(**)	.....	.....	..	..	..	..	...	...	...	...
2†	Apr. 6	K.	12	14 37	39 26	+ 0.18	+ 9.35	.....	10	..	..	..	1.7	...	...	...
3†	6	K.	10	16 25	39 26	+ 0.07	+ 2.80	.....	9	..	..	..	1.5	...	...	...
4	9	A.	15	10 28	39 28	+ 0.41	.....	.....	7	..	..	..	1.7	...	...	...
5†	13	K.	21	10 3	39 29	− 0.99	.....	− 7.58	7	..	17	..	1.5	...	2.2	...
6†	13	K.	43	11 51	39 28	+ 8.04	+ 5.86	.....	6	..	29	..	1.5	...	2.6	...
7†	15	K.	52	12 1	38 29	+ 3.05	+ 9.61	.....	33	..	..	..	1.8	...	...	...
8†	15	K.	28	14 57	38 21	− 2.62	+ 9.81	.....	15	..	..	..	1.5	...	...	...
9	16	A.	13	10 44	37 5	− 0.54	.....	− 5.32	9	..	..	..	1.8	...	...	...
10	16	A.	9	15 2	37 5	(*)	.....	.....	..	..	..	..	...	...	...	...
11†	17	K.	44	12 14	35 47	+ 0.19	.....	.....	20	..	..	..	1.2	...	...	...
12†	17	K.	40	16 10	35 47	− 4.78	.....	.....	27	..	..	..	1.3	...	...	...
13	18	A.	21	10 25	34 33	+ 0.64	.....	.....	13	..	..	..	2.2	...	...	...
14†	20	K.	60	12 6	33 16	+ 9.86	+ 6.82	.....	19	..	..	..	1.5	...	...	...
15†	20	K.	{ 69	15 53	33 16	− 0.14	+ 0.93	.....	41	..	..	..	1.8	...	...	...
			11	17 37	33 16	− 8.84	.....	.....	5	..	8	..	0.7	...	1.5	...
16†	27	K.	33	12 54	28 18	+ 2.96	+ 2.71	− 6.73	18	..	..	..	2.2	...	...	...
17†	May 4	K.	111	15 16	29 25	− 6.71	.....	− 5.64	37	..	..	..	1.7	...	...	...
18	19	A.	18	15 44	30 50	− 2.04	.....	−12.36	13	..	..	..	2.3	...	...	...
19†	20	K.	77	15 31	34 31	− 1.28	.....	.....	26	..	..	..	1.3	...	...	...
20†	20	K.	63	18 33	34 31	+ 2.68	.....	.....	22	..	..	..	1.3	...	...	...
21	21	A.	37	16 32	38 49	(*)	.....	.....	..	..	..	..	...	...	...	...
22	25	A.	50	16 32	36 57	(*)	.....	.....	..	..	..	..	...	...	...	...
23†	27	K.	12	15 27	38 15	+ 0.25	.....	.....	6	..	8	..	1.2	...	1.4	...
24†	27	K.	14	19 21	38 13	+14.32	.....	.....	4	..	..	..	0.5	...	...	...
25†	June 3	K.	112	18 1	30 48	+ 0.62	+ 1.18	.....	33	..	..	..	1.5	...	...	...
26†	15	K.	91	17 42	33 21	− 1.35	.....	.....	31	..	..	..	1.3	...	...	...
27†	15	K.	35	20 18	33 21	+15.94	− 4.25	.....	16	..	..	..	1.6	...	...	...
28	16	A.	18	15 0	31 59	− 0.55	−13.20	.....	10	..	..	..	2.4	...	...	...
29†	17	K.	80	17 1	38 17	− 1.05	− 2.80	+ 5.28	41	..	..	..	2.0	...	...	...
30	18	A.	145	18 25	32 0	(*)	.....	.....	..	..	..	..	...	...	...	...
31†	22	K.	15	17 20	35 40	− 0.97	.....	.....	9	..	..	..	1.3	...	...	...
32	24	A.	91	17 40	29 30	− 5.35	− 0.89	.....	41	..	..	..	2.6	...	...	...
33	July 6	A.	34	15 42	28 16	(*)	.....	.....	..	..	..	..	...	...	...	...
34†	7	K.	23	16 32	39 35	+ 0.18	.....	.....	9	..	..	..	2.2	...	...	...
35†	7	K.	16	19 38	34 31	− 6.94	.....	.....	5	..	..	..	1.1	...	...	...
36†	9	K.	137	17 24	27 1	− 0.96	+ 0.86	.....	54	..	..	..	1.7	...	...	...
37	10	A.	7	16 10	34 32	(*)	.....	.....	..	..	..	..	...	...	...	...
38	10	A.	12	16 48	37 2	(*)	.....	.....	..	..	..	..	...	...	...	...
39	10	A.	37	17 29	34 36	+31.80	.....	.....	15	..	..	..	2.3	...	...	...
40	10	A.	12	18 9	29 34	−10.2	.....	.....	3	..	8	..	2.6	...	3.6	...
41	10	A.	50	19 27	35 44	− 2.22	.....	− 6.90	15	..	..	..	2.1	...	...	...
42†	11	K.	25	16 35	28 16	+ 0.18	.....	.....	6	..	18	..	0.8	...	1.6	...
43†	11	K.	43	17 36	39 26	− 1.99	− 2.60	− 4.42	21	..	..	..	1.4	...	...	...
44†	14	K.	50	17 51	35 41	− 0.01	+ 4.65	.....	24	..	..	..	1.1	...	...	...
45†	14	K.	36	19 15	33 16	− 3.10	− 3.60	.....	25	..	..	..	1.3	...	...	...
46†	15	K.	8	16 48	30 7	− 2.40	.....	.....	3	..	8	..	0.8	...	1.0	...
47†	15	K.	35	18 12	38 17	− 7.90	+ 4.56	− 6.51	20	..	..	..	2.1	...	...	...
48†	24	K.	27	22 3	32 0	− 1.31	.....	.....	16	..	..	..	1.0	...	...	...
49	29	A.	34	20 28	30 44	(*)	.....	.....	..	..	..	..	...	...	...	...
50	Aug. 3	A.	25	22 16	28 9	+ 1.68	+ 1.66	+ 9.48	17	..	..	..	2.0	...	...	...
51	5	A.	50	17 53	28 13	(*)	.....	.....	..	..	..	..	...	...	...	...
52	8	A.	75	20 0	28 12	(*)	.....	.....	..	..	..	..	...	...	...	...
53	11	A.	89	18 40	25 42	+ 0.73	.....	.....	29	..	..	..	1.6	...	...	...
54	11	A.	54	21 34	25 42	(*)	.....	.....	..	..	..	..	...	...	...	...
55†	12	K.	7	17 42	31 21	− 0.58	.....	.....	..	..	4	..	...	...	1.2	...
56	12	K.	46	19 33	36 56	− 0.06	.....	.....	34	..	..	..	1.2	...	...	...
57	13	A.	108	19 59	24 26	(*)	.....	.....	..	..	..	..	...	...	...	...
58	18	A.	15	18 55	28 29	(*)	.....	.....	..	..	..	..	...	...	...	...
59	18	A.	80	20 38	29 29	(*)	.....	.....	..	..	..	..	...	...	...	...
60	29	A.	31	19 30	39 30	(*)	.....	.....	..	..	..	..	...	...	...	...
61	29	A.	29	20 43	35 45	−23.2	.....	.....	8	..	..	..	4.1	...	...	...
62	Sept. 2	A.	16	18 24	31 59	(*)	.....	.....	..	..	..	..	...	...	...	...
63	2	A.	25	19 16	27 4	(*)	.....	.....	..	..	..	..	...	...	...	...
64	7	A.	45	22 38	24 26	(*)	.....	.....	..	..	..	..	...	...	...	...
65	9	A.	22	18 44	39 30	(*)	.....	.....	..	..	..	..	...	...	...	...
66	9	A.	108	22 20	33 14	(*)	.....	.....	..	..	..	..	...	...	...	...
67	14	K.	9	19 44	35 6	+ 1.29	.....	.....	8	..	5	..	1.6	...	1.0	...
68	14	K.	27	21 30	35 42	+ 0.11	.....	.....	10	..	4	..	1.7	...	2.1	...
69	14	K.	21	23 30	35 42	− 3.24	.....	.....	8	..	5	..	1.2	...	1.9	...
70	15	A.	100	20 38	26 58	(*)	.....	.....	..	..	..	..	...	...	...	...
71	16	K.	62	21 55	38 11	− 0.65	.....	− 6.56	34	..	..	..	1.9	...	...	...

** Zone rejected.
* Declination rejected.
† The original records have been obscured by having the pencil figures inked over.

TABLE I.—*Register of Zones—Transit Instrument Declinations*—Continued.

Zone.	Date.	Obs'r.	No. of Stars.	Mean R. A.	Mean South Decl.	Zone Corr.	Change per—		No. of Stars Used.				$\Delta\delta$.			
							Hour.	Degree.	Gou	AW	WaZ	AG	Gou	AW	WaZ	AG
	1846			h m	° ′	″	″	″					″	″	″	″
72	Sept. 19	A.	17	19 46	30 45	(*)	.....	.....	..	..	..	..	...	...	...	...
73	19	A.	80	22 3	34 27	(*)	.....	.....	..	..	..	..	...	...	...	...
74	21	K.	70	22 21	36 53[1]	.....	.....	.....	32	..	..	..	1.9	...	...	...
75	22	A.	33	20 20	35 35	(*)	.....	.....	..	..	..	..	...	...	...	...
76	22	A.	80	22 41	29 27	(*)	.....	.....	..	..	..	..	...	...	...	...
77	23	K.	104	22 59	30 42	− 0.23	+ 1.07	.....	50	..	..	..	1.3	...	...	...
78	24	A.	15	20 32	39 29	(*)	.....	.....	..	..	..	..	...	...	...	...
79	24	A.	75	22 41	29 28	(*)	.....	.....	..	..	..	..	...	...	...	...
80	24	A.	19	1 3	29 28	(*)	.....	.....	..	..	..	..	...	...	...	...
81	25	K.	54	22 0	28 12	+ 0.28	− 1.09	.....	41	..	..	..	1.4	...	...	...
82	30	A.	50	0 5	28 13	(*)	.....	.....	..	..	..	..	...	...	...	...
83	Oct. 3	A.	17	21 35	24 30	(*)	.....	.....	..	..	..	..	...	...	...	...
84	3	A.	58	23 4	26 58	(*)	.....	.....	..	..	..	..	...	...	...	...
85	5	K.	22	23 18	25 39	− 3.14	+ .00	.....	18	..	..	..	1.8	...	...	...
86	6	A.	17	22 41	35 46	(*)	.....	.....	..	..	..	..	...	...	...	...
87	7	K.	50	23 35	32 0	− 1.96	+ 0.92	.....	23	..	..	..	1.9	...	...	...
88	8	A.	12	23 8	34 29	(*)	.....	.....	..	..	..	..	...	...	...	...
89	8	A.	12	0 15	29 29	− 1.47	.....	+11.35	..	..	11	..	...	...	2.4	...
90	9	K.	67	1 6	26 54	+ 0.74	.....	− 4.40	42	..	..	..	2.0	...	...	...
91	10	A.	13	20 3	24 24	(*)	.....	.....	..	..	..	..	...	...	...	...
92	10	A.	23	1 5	36 54	(*)	.....	.....	..	..	..	..	...	...	...	...
93	15	A.	16	0 29	33 8	(*)	.....	.....	..	..	..	..	...	...	...	...
94	16	K.	35	22 1	39 22	+ 1.05	.....	− 5.39	18	..	..	..	1.7	...	...	...
95	16	K.	46	2 4	28 8	+ 0.90	− 2.26	.....	28	..	..	..	1.8	...	...	...
96	17	A.	11	23 19	39 25	(*)	.....	.....	..	..	..	..	...	...	...	...
97	19	K.	10	0 0	39 26	− 0.24	.....	.....	5	..	..	..	0.9	...	...	...
98	24	A.	55	2 0	34 24	(*)	.....	.....	..	..	..	..	...	...	...	...
99	26	K.	54	1 59	30 39	− 0.89	.....	.....	38	..	..	..	2.1	...	...	...
100	28	A.	20	0 31	34 23	(*)	.....	.....	..	..	..	..	...	...	...	...
101	28	A.	40	2 7	29 25	(*)	.....	.....	..	..	..	..	...	...	...	...
102	Nov. 16	K.	19	2 29	33 9	− 1.06	+ 2.28	.....	15	..	..	..	1.3	...	...	...
103	20	K.	36	1 47	39 23	− 1.27	.....	.....	25	..	..	..	2.4	...	...	...
104	1847 Feb. 5	H.	48	8 59	30 24	− 0.85	− 4.96	.....	15	..	..	..	1.4	...	...	...
105	Apr. 3	K.	24	9 37	26 53	− 2.46	+ 1.69	.....	17	..	..	..	1.7	...	...	...
106	6	K.	20	10 24	26 52	+ 0.33[2]	.....	.....	9	..	..	..	1.3	...	...	...
107	Apr. 9	K.	58	10 18	30 44	− 1.97	+ 2.31	.....	30	..	..	..	1.8	...	...	...
108	13	K.	2	10 23	29 39	(**)	.....	.....	..	..	..	..	...	...	...	...
109	16	K.	104	11 7	29 47	− 0.21	.....	− 3.58	47	..	..	..	1.3	...	...	...
110	16	K.	26	15 8	29 47	− 0.38	− 3.59	.....	20	..	..	..	1.7	...	...	...
111	21	K.	21	10 24	28 48	− 0.45	.....	.....	11	..	..	..	1.3	...	...	...
112	24	K.	3	11 2	29 0	− 0.67	.....	.....	3	..	..	..	0.6	...	...	...
113	24	K.	4	14 53	28 48	− 0.20	.....	.....	3	..	..	..	0.5	...	...	...
114	26	K.	9	10 39	29 30	− 1.07	.....	−16.87	..	..	8	..	...	...	1.1	...
115	May 4	K.	64	12 28	31 19	+ 0.12	− 0.71	.....	25	..	..	..	2.0	...	...	...
116	6	K.	51	13 20	28 50	+ 1.91	.....	.....	34	..	..	..	2.5	...	...	...
117	6	K.	36	16 39	28 50	− 0.14	.....	− 4.99	21	..	..	..	1.6	...	...	...
118	18	K.	33	14 48	28 15	+ 0.81	.....	− 9.29	22	..	..	..	1.6	...	...	...
119	28	K.	118	15 25	30 44	+ 1.57	.....	− 3.59	41	..	..	..	1.9	...	...	...
120	28	K.	88	18 2	31 2	+ 1.95	.....	− 4.57	27	..	..	..	1.8	...	...	...
121	June 11	K.	56	16 16	26 55	− 0.89	.....	− 6.38	28	..	..	..	2.1	...	...	...
122†	17	K.	104	18 7	30 3	− 0.38	.....	.....	64	..	..	..	2.2	...	...	...
123	21	Be.	67	17 30	30 4	− 0.27	.....	.....	17	..	..	..	1.6	...	...	...
124‡	24	K.	42	16 23	30 27	− 0.14[2]	.....	.....	15	..	..	..	1.3	...	...	...
125	25	Be.	78	19 5	29 37	− 1.28	.....	.....	40	..	..	..	1.9	...	...	...
126‡	Aug. 30	K.	66	19 44	29 25	+ 0.82	.....	.....	42	..	..	..	1.6	...	...	...
127	Sept. 3	Be.	30	20 59	27 34	− 2.91	.....	.....	13	..	..	..	1.6	...	...	...
			44	0 10	27 34	+ 2.08	+ 1.52	.....	23	..	..	..	2.1	...	...	...
128‡	4	K.	58	20 15	28 47	+ 0.32	− 2.42	.....	27	..	..	..	1.4	...	...	...
129	6	Be.	127	23 33	25 40	− 0.64	.....	.....	79	..	..	..	2.4	...	...	...
130	13	Be.	46	20 57	31 17	+ 0.30	.....	.....	24	..	..	..	2.4	...	...	...
131	13	Be.	38	23 53	31 13	+ 0.21	+ 1.02	+ 4.40	18	..	..	..	2.3	...	...	...
132‡	14	K.	57	20 53	28 9	+ 1.46	.....	.....	38	..	..	..	2.2	...	...	...
133	15	Be.	61	21 47	26 54	− 0.21	.....	.....	34	..	..	..	1.7	...	...	...
134‡	16	K.	85	20 46	30 39	+ 0.31	+ 1.14	.....	26	..	..	..	1.5	...	...	...
135‡	16	K.	75	0 46	26 53	− 6.19	− 6.78	.....	38	..	..	..	2.0	...	...	...
136	21	H.	144	0 7	26 17	− 1.08	− 0.71	.....	33	..	..	..	1.7	...	...	...
137‡	Oct. 4	K.	37	23 0	24 23	− 1.37	+ 2.41	.....	23	..	..	..	1.8	...	...	...
138	15	H.	125	23 45	28 19	+ 1.57	− 1.18	.....	37	..	..	..	2.2	...	...	...
139	15	H.	98	3 0	28 19	(*)	.....	.....	..	..	..	..	...	...	...	...
140‡	16	K.	46	24 34	30 4	− 0.54	.....	.....	18	..	..	..	2.1	...	...	...
141	18	H.	160	0 10	23 46	− 3.86	− 2.28	.....	46	..	..	..	1.5	...	...	...

---

[1] The entire zone correction in declination is $\Delta\delta = +1''.93 + 2''.06\,(\alpha - 22^h\,21^m) - 1''.64$ (Vert. Thread − V).

[2] Value checked by comparison with Washington Zones.

** Zone rejected.

* Declination rejected.

† For the last two-thirds of this zone the original records are missing; an ink copy used.

‡ The original records are missing; an ink copy used.

TABLE I.—*Register of Zones—Transit Instrument Declinations*—Continued.

Zone.	Date.	Obs'r.	No. of Stars.	Mean R. A.	Mean South Decl.	Zone Corr.	Change per—		No. of Stars Used.				Δδ.			
							Hour.	Degree.	Gou	AW	WaZ	AG	Gou	AW	WaZ	AG
				h m	° ′	″	″	″					″	″	″	″
142	1847 Oct. 18	H.	177	3 44	23 46	+ 0.33	+ 1.40	.....	55	..	..	..	2.0	...	...	...
143	28	K.	29	23 4	23 8	− 0.86	.....	.....	16	..	..	..	1.8	...	...	...
144	28	K.	21	1 59	23 8	+ 6.25	− 4.46	.....	11	..	..	..	2.0	...	...	...
145	Nov. 2	K.	76	23 17	22 32	− 1.15	.....	.....	10	..	..	..	1.8	...	...	...
146	2	K.	30	3 28	22 32	− 0.52	−23.92	.....	16	..	..	..	2.2	...	...	...
			7	4 9	22 32	(*)	.....	.....	..	..	..	..	...	...	...	...
147	5	Be.	19	22 57	21 55	− 1.18	+10.29	+ 6.82	..	16	..	..	...	3.0	...	...
148	Dec. 4	K.	13	0 6	24 24	+ 2.50	.....	.....	17	..	..	..	1.7	...	...	...
149	6	Be.	68	2 10	25 2	− 1.07	.....	.....	45	..	..	..	2.5	...	...	...
150	6	Be.	17	7 24	25 2	+ 3.31	+25.53	.....	9	..	..	..	1.6	...	...	...
151	15	Be.	33	2 53	24 24	− 2.57	.....	.....	23	..	..	..	1.9	...	...	...
152	1848 Jan. 18	K.	9	4 33	25 39	− 0.79	+10.18	.....	9	..	..	..	1.8	...	...	...
153	18	K.	8	7 27	25 1	− 0.85	.....	.....	6	..	6	..	2.3	...	2.4	...
154	19	Be.	62	7 6	23 48	− 1.82	.....	.....	42	..	..	..	2.5	...	...	...
155	20	K.	44	3 23	26 17	− 2.47	+ 3.54	.....	28	..	..	..	1.3	...	...	...
156	20	K.	100	7 12	26 20	+ 1.88	+ 2.41	− 7.14	58	..	..	..	2.0	...	...	...
157	22	K.	14	3 13	27 0	(*)	.....	.....	..	..	..	..	...	...	...	...
			10	3 49	27 0	− 1.14	.....	−11.44	6	..	10	..	2.0	...	2.0	...
158	22	K.	125	6 48	23 46	+ 1.27	.....	− 3.07	47	..	..	..	1.7	...	...	...
159	24	Be.	25	8 6	25 3	+ 2.70	+ 9.47	.....	18	..	..	..	2.5	...	...	...
160	29	Be.	17	5 57	25 39	+ 5.18	+40.22	.....	11	..	..	..	1.7	...	...	...
161	29	Be.	58	8 10	25 45	− 0.71	− 2.73	− 4.82	30	..	..	..	2.2	...	...	...
162	Mar. 29	Be.	70	10 0	25 40	− 0.55	− 0.98	− 5.93	46	..	..	..	2.3	...	...	...
163	May 3	Be.	25	14 56	25 40	− 1.83	+ 1.94	.....	17	..	24	..	3.0	...	2.0	...
164	June 6	Be.	106	17 30	25 38	(*)	.....	.....	..	..	..	..	...	...	...	...
165	13	Be.	57	17 16	26 17	− 1.50	.....	.....	23	..	..	..	2.2	...	...	...
166	15	Be.	36	15 50	25 3	− 8.11	+19.29	.....	19	..	..	..	2.1	...	...	...
167	16	Pr.	53	19 57	9 16	(**)	.....	.....	..	..	..	..	...	...	...	...
168	20	Be.	62	16 20	24 24	− 0.50	− 2.10	− 2.68	29	..	..	..	2.0	...	...	...
169	26	Pr.	124	18 6	20 0	(*)	.....	.....	..	..	..	..	...	...	...	...
170	July 3	Pr.	9	16 49	20 33	(*)	.....	.....	..	..	..	..	...	...	...	...
171	10	Pr.	26	17 44	20 32	(*)	.....	.....	..	..	..	..	...	...	...	...
172	15	K.	5	16 55	25 2	− 2.87	.....	.....	3	..	4	..	2.4	...	1.7	...
173	17	K.	26	18 51	24 59	+ 0.39	.....	− 4.76	19	..	..	..	1.9	...	...	...
174	18	Pr.	100	18 0	25 5	− 0.55	.....	+ 3.30	43	..	..	..	2.6	...	...	...
175	19	K.	31	18 4	25 7	+ 2.08	− 5.81	− 4.89	11	..	25	..	1.6	...	1.6	...
176	19	K.	31	21 30	22 32	− 0.80	.....	− 6.37	6	..	28	..	1.5	...	1.8	...
177	20	Pr.	15	17 37	27 0	+ 2.14	.....	−10.52	8	..	12	..	2.4	...	2.0	...
178	20	Pr.	60	18 51	26 40	(*)	.....	.....	..	..	..	..	...	...	...	...
179	20	Pr.	70	21 4	22 33	(*)	.....	.....	..	..	..	..	...	...	...	...
180	24	Pr.	65	20 32	21 17	(*)	.....	.....	..	..	..	..	...	...	...	...
181	Aug. 4	Pr.	42	21 15	19 18	(*)	.....	.....	..	..	..	..	...	...	...	...
182	7	Pr.	95	20 21	21 55	(*)	.....	.....	..	..	..	..	...	...	...	...
183	14	Pr.	54	19 46	19 25	(*)	.....	.....	..	..	..	..	...	...	...	...
184	15	Be.	86	18 48	20 42	+ 1.01	− 2.57	+ 6.47	11	..	..	..	2.0	...	...	...
185	16	Pr.	134	19 51	18 46	(*)	.....	.....	..	..	..	..	...	...	...	...
186	18	Be.	79	20 28	23 45	+ 0.57[1]	.....	+ 7.38	32	..	..	..	2.9	...	...	...
187	24	Be.	19	23 2	21 14	+ 1.70	.....	.....	..	10	..	..	...	2.4	...	...
188	29	Be.	40	23 20	21 14	− 1.90	− 3.60	.....	..	17	..	..	...	1.8	...	...
189	31	Be.	44	23 37	21 50	− 1.20	− 1.77	.....	..	26	..	..	...	2.3	...	...
190	Sept. 1	Be.	69	20 56	20 36	+ 0.16	− 3.46	+ 5.71	..	..	51	..	...	...	2.6	...
191	1	Be.	37	23 50	20 45	+ 4.56	.....	+ 7.28	..	18	..	..	...	2.3	...	...
192	2	K.	50	19 45	22 30	− 0.79	.....	.....	13	..	..	..	1.9	...	...	...
193	7	Be.	59	21 7	18 50	− 1.21	.....	+ 9.42	10	..	37	..	3.0	...	2.7	...
194	19	Pr.	14	20 57	17 28	− 1.52	+13.54	− 2.96	..	..	..	12	...	...	...	2.4
195	23	Pr.	23	20 39	16 53	+ 6.77	.....	.....	7	..	6	..	2.7	...	2.5	...
196	25	Be.	70	21 2	16 52	(*)	.....	.....	..	..	..	..	...	...	...	...
197	25	Be.	79	0 40	16 52	− 2.00	−2 93	.....	..	55	..	..	...	2.6	...	...
198	Oct. 5	Pr.	36	23 21	19 48	(*)	.....	.....	..	..	..	..	...	...	...	...
199	6	Be.	37	23 15	17 29	− 0.05	.....	+ 6.77	..	..	..	32	...	...	...	2.5
200	7	Pr.	35	23 25	19 28	(*)	.....	.....	..	..	..	..	...	...	...	...
201	10	Pr.	9	23 10	16 14	(**)	.....	.....	..	..	..	..	...	...	...	...
202	10	Pr.	22	2 24	16 13	(*)	.....	.....	..	..	..	..	...	...	...	...
203	10	Pr.	22	3 31	19 24	+ 1.35	+ 3.51	− 5.30	..	13	..	..	...	2.8	...	...
204	12	Pr.	21	22 3	15 39	+ 0.09	.....	− 6.10	..	13	..	..	...	2.0	...	...
205	14	Pr.	89	22 29	15 42	(*)	.....	.....	..	..	..	..	...	...	...	...
206	18	Pr.	6	23 43	18 55	+ 1.40	.....	−13.77	..	..	6	..	...	...	2.1	...
207	18	Pr.	11	2 3	18 45	− 1.38	.....	.....	..	..	9	..	...	...	1.2	...
208	20	Pr.	10	21 51	18 42	− 4.53	.....	.....	..	..	7	..	...	...	1.9	...
209	24	Be.	74	1 19	18 44	+ 1.09	.....	.....	..	44	..	..	...	2.6	...	...
210	1849 Jan. 23	K.	37	7 0	26 52	+ 3.06	+14.54	− 5.18	28	..	..	..	2.2	...	...	...
211	27	K.	16	4 26	26 54	− 0.03	.....	.....	13	..	..	..	1.4	...	...	...
212	Feb. 10	Be.	30	4 44	26 15	+ 1.48	.....	.....	21	..	..	..	1.6	...	...	...
213	13	Be.	55	8 57	33 6	− 0.43	+ 2.04	+ 2.90	24	..	..	..	2.2	...	...	...
214	13	Be.	24	12 23	36 19	+ 0.16	.....	.....	6	..	8	..	2.0	...	2.1	...
215	19	K.	52	7 58	28 47	+ 1.80	− 4.77	.....	39	..	..	..	2.0	...	...	...

[1] Value checked by comparison with Washington Zones.
* Declination rejected.
** Zone rejected.

TABLE I.—*Register of Zones—Transit Instrument Declinations*—Continued.

Zone.	Date.	Obs'r.	No. of Stars.	Mean R. A.	Mean South Decl.	Zone Corr.	Change per—		No. of Stars Used.				Δδ.			
							Hour.	Degree.	Gou	AW	WaZ	AG	Gou	AW	WaZ	AG
				h m	° ′	″	″	″					″	″	″	″
216	1849 Feb. 19	K.	10	9 52	38 50	+ 2.07	.....	.....	6	..	..	..	2.3	...	...	...
217	23	Be.	88	7 15	31 54	(*)	.....	.....	..	..	..	..	...	...	...	...
218	Mar. 7	Be.	95	8 40	34 30	+ 1.35	+ 1.86	+ 3.22	29	..	..	..	2.3	...	...	...
219	12	K.	19	8 50	35 40	− 1.78	+ 3.02	.....	6	..	16	..	2.3	...	2.4	...
220	16	K.	70	8 34	36 54	−16.77	− 3.86	.....	36	..	..	..	2.6	...	...	...
221	16	K.	18	12 4	34 27	+ 0.44	.....	− 5.90	14	..	..	..	2.6	...	...	...
222	19	Be.	93	9 30	41 18	− 0.80	− 2.09	.....	35	..	..	..	1.7	...	...	...
223	22	K.	96	9 25	38 16	− 0.03	− 1.05	− 6.82	47	..	..	..	2.3	...	...	...
224	22	K.	45	13 5	35 7	+ 5.49	− 2.56	.....	13	..	..	..	1.4	...	...	...
225	23	Be.	148	10 11	31 53	+ 1.23	.....	.....	30	..	..	..	2.1	...	...	...
226	23	Be.	38	14 4	35 40	+ 1.49	+ 6.04	.....	17	..	..	..	2.2	...	...	...
227	29	Be.	75	12 54	30 40	+ 0.06	− 5.20	.....	27	..	..	..	1.9	...	...	...
228	30	K.	75	13 2	39 26	− 0.32	.....	.....	17	..	..	..	1.8	...	...	...
229	Apr. 2	Be.	115	12 10	24 23	− 6.95	− 0.95	.....	40	..	..	..	2.0	...	...	...
230	5	K.	70	10 8	25 0	− 0.42	.....	.....	34	..	..	..	1.7	...	...	...
231	5	K.	46	14 9	24 59	− 1.08	− 1.86	− 5.54	21	..	..	..	1.8	...	...	...
232	10	Be.	98	12 45	30 30	+ 0.21	.....	.....	32	..	..	..	2.4	...	...	...
233	11	K.	72	11 11	26 15	− 0.19	.....	.....	32	..	..	..	2.0	...	...	...
234	11	K.	19	12 50	27 32	+ 7.74	+ 9.04	.....	9	..	17	..	1.9	...	2.6	...
235	12	Be.	100	13 25	25 42	− 1.07	.....	− 5.03	33	..	..	..	2.1	...	...	...
236	14	Be.	23	10 44	26 54	+ 1.87	+21.14	.....	6	..	20	..	3.4	...	3.0	...
237	16	Be.	109	12 22	22 31	− 1.38	.....	.....	17	..	..	..	2.5	...	...	...
238	20	Be.	83	11 50	23 46	− 7.42	− 3.80	.....	37	..	..	..	2.2	...	...	...
239	May 2	Be.	55	15 35	23 45	− 0.89	.....	.....	26	..	..	..	2.4	...	...	...
240	11	K.	48	14 20	23 46	− 1.46	.....	.....	25	..	..	..	2.4	...	...	...
241	19	K.	67	13 0	29 23	− 0.41	+ 2.12	.....	28	..	..	..	1.4	...	...	...
242	23	K.	9	16 28	23 46	− 2.94	−16.87	.....	5	..	8	..	1.4	...	1.9	...
243	June 18	Be.	41	16 35	23 8	− 0.65	.....	.....	20	..	..	..	2.2	...	...	...
244	20	Be.	74	16 48	21 14	− 1.50	.....	+ 6.84	7	..	61	..	1.4	...	3.2	...
245	22	Be.	69	17 16	21 50	− 1.58	.....	+ 6.49	12	..	56	..	2.3	...	2.7	...
246	1851 Feb. 18	Be.	30	8 38	25 0	− 0.62	.....	.....	19	..	..	..	2.8	...	...	...
247	19	Be.	24	6 59	25 7	+ 0.46	− 7.55	−15.62	9	..	14	..	2.1	...	1.8	...
248	22	Be.	29	7 45	22 45	+ 0.56[1]	+ 2.89	.....	19	..	..	..	2.8	...	...	...
249	25	Be.	26	7 36	22 35	+ 0.51	− [illegible].41	.....	..	17	..	..	...	1.9	...	...
250	Mar. 3	Be.	24	10 17	22 0	+ 0.85	− [illegible].01	+ 7.50	..	11	..	..	...	1.5	...	...
251	8	Be.	33	10 37	21 57	+ 2.24	− 4.10	.....	5	..	26	..	1.5	...	2.1	...
252	11	Be.	54	9 2	20 20	+ 1.39	.....	.....	10	..	..	..	1.9	...	...	...
253	21	Be.	49	9 51	20 7	− 0.19	− 3.45	+ 5.21	..	27	..	..	...	2.4	...	...
254	24	...	73	9 16	22 34	+ 0.06	− 1.63	.....	12	..	..	..	1.2	...	...	...
255	25	Be.	119	10 25	21 20	− 0.68	+ 1.06	.....	..	60	..	..	...	2.4	...	...
256	26	...	89	9 18	21 19	+ 0.34	.....	.....	..	44	..	..	...	1.4	...	...
257	28	...	53	9 0	20 30	+ 0.09	.....	.....	8	..	42	..	1.2	...	1.8	...
258	Apr. 3	...	64	9 39	19 26	− 0.22	+ 0.78	.....	..	29	..	..	...	2.1	...	...
259	9	...	63	9 48	18 49	+ 0.09	− 1.68	.....	..	35	..	..	...	2.8	...	...
260	11	...	6	8 33	23 12	+ 0.02	.....	.....	6	..	..	..	1.6	...	...	...
			22	9 20	23 12	+ 0.65	.....	.....	12	..	..	..	1.9	...	...	...
261	18	...	30	10 31	20 44	(*)	.....	.....	..	..	..	..	...	...	...	...
			20	11 32	20 44	− 1.42	.....	.....	..	12	..	..	...	1.8	...	...
262	22	...	44	11 41	21 57	+ 1.06	.....	.....	..	29	..	..	...	1.4	...	...
263	June 7	...	41	15 8	21 54	− 0.26	− 4.41	.....	..	22	..	..	...	2.2	...	...
264	17	...	3[2]	14 36	22 30	+ 3.74	.....	.....	..	3	..	..	...	0.6	...	...
			8	15 9	22 30	− 1.25[1]	− 3.56	.....	..	6	..	..	...	1.7	...	...
265	19	...	9	15 14	21 54	+ 0.49[3]	.....	− 6.89	..	..	8	..	...	...	1.5	...
			23	16 16	21 54	− 1.08[3]	− 3.35	.....	..	..	20	..	...	...	1.4	...
266	24	...	6	15 48	22 38	− 1.28	.....	.....	..	2	2	..	...	1.0	1.8	...
			5	16 18	22 38	+ 1.22	.....	.....	..	5	5	..	...	1.7	1.0	...
267	July 28	...	35	17 24	19 23	− 0.28	− 5.05	.....	..	21	..	..	...	2.5	...	...
268	Aug. 6	...	84	18 54	16 21	+ 0.44	.....	.....	..	54	..	..	...	1.5	...	...
269	27	...	27	19 24	18 47	+ 0.72	.....	.....	6	18	8	..	1.6	1.8	1.5	...
270	Sept. 1	...	17	19 52	18 12	(*)	.....	.....	..	..	..	..	...	...	...	...
271	4	...	41	20 52	18 49	− 0.79	.....	+10.06	9	..	25	..	2.4	...	2.6	...
272	9	...	7	20 6	17 31	− 0.20	.....	.....	..	6	..	..	...	0.9	...	...
			29	20 36	17 31	− 0.50	.....	.....	..	13	..	..	...	3.0	...	...
273	10	...	62	20 20	16 59	+ 0.14	.....	.....	8	..	29	..	0.9	...	2.5	...
274	1852 Apr. 15	...	14	14 36	19 22	+ 0.94	+11.30	− 9.22	..	8	..	..	...	1.8	...	...
275	May 4	...	35	11 23	19 36	− 0.85	− 6.27	− 6.41	..	9	21	..	...	2.2	2.0	...
276	6	K.	36	12 5	20 2	(*)	.....	.....	..	..	..	..	...	...	...	...
277	18	...	25	15 23	20 38	− 1.44	.....	.....	..	15	..	..	...	2.5	...	...
278	20	...	39	13 35	20 39	− 2.09	.....	−12.57	..	13	..	..	...	1.7	...	...
279	24	...	32	13 42	19 23	− 0.91	.....	.....	..	20	..	..	...	2.1	...	...
280	June 15	...	28	17 33	19 27	(*)	.....	.....	..	..	..	..	...	...	...	...
281	25	...	29	15 24	19 25	(*)	.....	.....	..	..	..	..	...	...	...	...
282	July 8	...	42	18 11	17 28	− 0.63	− 6.67	− 5.47	..	10	..	..	...	1.4	...	...
283	19	...	22	20 8	17 0	+ 0.39	− 3.37	.....	..	15	..	..	...	3.1	...	...
284	21	...	23	19 36	17 32	+ 0.14	.....	− 4.64	..	16	..	..	...	2.1	...	...

---

[1] Value checked by comparison with Washington Zones.
[2] Decl. of No. 4 rejected, as it is not known to which portion of the zone it belongs.
[3] Value checked by comparison with Argelander.
* Declination rejected.

TABLE II.—*Corrections to reduce Washington Zones from the System of the Cordoba General Catalogue to that of the Cape Catalogue 1850.*

CORRECTION IN RIGHT ASCENSION.

δ \ α	0^h–1^h	1^h–2^h	2^h–3^h	3^h–4^h	4^h–5^h	5^h–6^h	6^h–7^h	7^h–8^h
°	s	s	s	s	s	s	s	s
−10	−0.01	−0.01	−0.02	−0.03	−0.03	−0.02	−0.01	0.00
15	0.01	0.01	0.02	0.02	0.02	−0.01	0.00	0.00
20	0.01	0.01	0.01	0.01	−0.01	0.00	0.00	+0.01
25	0.01	0.01	0.01	−0.01	0.00	0.00	+0.01	0.02
30	0.01	0.01	−0.01	0.00	0.00	+0.01	0.02	0.03
35	0.01	0.01	0.00	0.00	+0.01	0.02	0.02	0.03
40	0.01	0.01	0.00	0.00	0.01	0.02	0.03	0.04
−45	−0.01	−0.01	0.00	+0.01	+0.02	+0.03	+0.04	+0.05

δ \ α	8^h–9^h	9^h–10^h	10^h–11^h	11^h–12^h	12^h–13^h	13^h–14^h	14^h–15^h	15^h–16^h
°	s	s	s	s	s	s	s	s
−10	+0.01	+0.02	+0.03	+0.04	+0.04	+0.04	+0.04	+0.03
15	0.01	0.02	0.03	0.04	0.04	0.04	0.04	0.03
20	0.02	0.03	0.04	0.05	0.05	0.05	0.05	0.04
25	0.03	0.04	0.05	0.05	0.05	0.05	0.05	0.04
30	0.04	0.05	0.05	0.06	0.06	0.06	0.06	0.05
35	0.04	0.05	0.06	0.06	0.06	0.06	0.06	0.05
40	0.05	0.06	0.07	0.07	0.07	0.07	0.07	0.06
−45	+0.06	+0.07	+0.08	+0.08	+0.08	+0.08	+0.07	+0.06

δ \ α	16^h–17^h	17^h–18^h	18^h–19^h	19^h–20^h	20^h–21^h	21^h–22^h	22^h–23^h	23^h–24^h
°	s	s	s	s	s	s	s	s
−10	+0.02	+0.01	0.00	0.00	0.00	0.00	−0.01	−0.01
15	0.02	0.01	0.00	0.00	0.00	0.00	0.01	0.01
20	0.03	0.02	+0.01	0.00	0.00	0.00	0.01	0.01
25	0.03	0.02	0.01	+0.01	0.00	0.00	0.01	0.01
30	0.04	0.03	0.02	0.01	0.00	0.00	0.01	0.01
35	0.04	0.03	0.02	0.01	0.00	0.00	0.01	0.01
40	0.05	0.04	0.03	0.02	+0.01	0.00	0.01	0.01
−45	+0.05	+0.04	+0.03	+0.02	+0.01	0.00	−0.01	−0.01

TABLE II.—*Corrections to reduce Washington Zones from the System of the Cordoba General Catalogue to that of the Cape Catalogue 1850*—Continued.

CORRECTION IN DECLINATION.

δ \ α	0^h–1^h	1^h–2^h	2^h–3^h	3^h–4^h	4^h–5^h	5^h–6^h	6^h–7^h	7^h–8^h
°	″	″	″	″	″	″	″	″
−10	+0.4	+0.3	+0.3	+0.2	+0.2	+0.2	+0.2	+0.2
15	0.4	0.3	0.2	0.2	0.1	+0.1	+0.1	0.2
20	0.3	0.2	0.2	0.1	+0.1	0.0	0.0	0.1
25	0.3	0.2	0.1	+0.1	0.0	0.0	0.0	+0.1
30	0.2	0.1	+0.1	0.0	0.0	0.0	0.0	0.0
35	0.1	+0.1	0.0	0.0	−0.1	−0.1	−0.1	0.0
40	+0.1	0.0	0.0	−0.1	0.1	0.1	0.1	−0.1
−45	0.0	0.0	−0.1	−0.1	−0.1	−0.1	−0.1	−0.1

δ \ α	8^h–9^h	9^h–10^h	10^h–11^h	11^h–12^h	12^h–13^h	13^h–14^h	14^h–15^h	15^h–16^h
°	″	″	″	″	″	″	″	″
−10	+0.3	+0.4	+0.5	+0.6	+0.7	+0.8	+0.9	+0.9
15	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8
20	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.7
25	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.6
30	+0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5
35	0.0	0.1	0.2	0.2	0.3	0.4	0.4	0.5
40	0.0	+0.1	0.1	0.2	0.2	0.3	0.4	0.4
−45	0.0	0.0	+0.1	+0.1	+0.2	+0.3	+0.3	+0.4

δ \ α	16^h–17^h	17^h–18^h	18^h–19^h	19^h–20^h	20^h–21^h	21^h–22^h	22^h–23^h	23^h–24^h
°	″	″	″	″	″	″	″	″
−10	+0.8	+0.8	+0.7	+0.7	+0.7	+0.6	+0.6	+0.5
15	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.4
20	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.4
25	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.3
30	0.6	0.6	0.6	0.5	0.5	0.4	0.3	0.3
35	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.2
40	0.4	0.5	0.4	0.4	0.4	0.3	0.2	0.1
−45	+0.4	+0.4	+0.4	+0.4	+0.3	+0.3	+0.2	+0.1

CATALOGUE

OF

WASHINGTON ZONES.

1846–1852.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
1	7	47.89	1	0	0	6.50	23	20	33.8	Mu.	148	6	
	5	47.84	7			6.51			31.4	Mu.	146	77	
	5.6	47.82	7			6.59			33.5	Tr.	143	29	
2	9	47.79	1	0	0	11.90	28	17	31.7	Tr.	138	77	
	9	46.70	4			12.43[1]			35.2	Mer.	60	141	[1] R. A. increased 1 min.
3	8	46.77	2	0	0	12.06	29	9	31.5	Tr.	89	1	
	8	47.71	3			12.09			33.0	Mer.	204	165	
	8.9	47.71	2			12.16			31.8	Mu.	132	197	
4	10	48.67	2	0	0	19...[2]	19	31	12.2[3]	Mer.	147	31	[2] Separate threads give $19^s.33$, $20^s.23$.
	10	48.77	1			19.61			....	Tr.	200	30	[3] Decl. changed one rev. south.
5	8	47.79	2	0	0	23.06	30	52	2.8	Mer.	206	78	
6	5	46.82	2	0	0	25.51	34	21	....	Tr.	100	1	
7	10	47.79	1	0	0	26.48	30	15	2.1	Tr.	140	11	
8	10	48.74	2	0	0	30.39	16	31	47.5	Tr.	197	25	
9	9	48.79	4	0	0	36.68	15	39	....	Tr.	205	83	
10	8.9	48.92	3	0	0	38.61	22	40	26.7	Mu.	212	30	
	9	47.84	2			38.92			28.7	Tr.	145	65	
	9	47.93	3			38.95			27.8	Mer.	116	9	
	8.9	47.89	4			38.97			48.3[4]	Mer.	115	1	[4] If micrometer reading be assumed as 41.282 instead of 40.782 rev., as recorded, Decl. = 31″.3.
11	9	46.79	2	0	0	39...[5]	33	32	....	Tr.	93	1	
	9	46.72	3			39.58			2.9	Mu.	59	47	
	8	46.89	5			39.70			2.9	Mu.	82	1	[5] Separate threads give $38^s.69$, $39^s.53$.
	8	46.93	3			39.73[6]			1.9	Mu.	84	3	[6] Two of five threads rejected; R. A. $=38^s.54$, $38^s.58$.
12	12	48.67	3	0	0	44.16	20	3	....	Tr.	198	31	
13	8	48.92	1	0	0	44.53	22	14	43.5	Mu.	212	31	
	6	48.92	4			44.63			42.0	Mer.	156	38	
	9	47.84	1			44.65[7]			44.2	Tr.	145	66	[7] R. A. increased one thread interval.
	8	48.67	2			44.66			46.1	Tr.	189	34	
14	9	47.76	4	0	0	47.71	24	55	37.8	Mer.	109	62	
	7	47.72	3			47.88			43.6	Mu.	134	125	
	7.8	46.73	7			47.96			44.7	Mer.	69	161	
	6.7	46.73	4			48.12			42.0	Mer.	70	84	
15	9	47.79	1	0	0	47.81	30	54	15.1	Mu.	139	82	
	9	47.79	2			48.30			11.1	Mer.	206	79	
16	9	46.77	4	0	0	50.11	26	48	48.1	Tr.	90	2	
	8	47.71	3			50.21			46.7	Tr.	135	15	
	8	47.79	3			50.25			49.7	Mu.	138	29	
17	6	48.78	4	0	0	53.75	18	24	38.8	Mu.	207	36	
	7	48.81	4			53.90[8]			43.9	Tr.	209	1	[8] One thread decreased 5 sec.
18	9	47.72	2	0	1	4.31	25	56	31.9	Tr.	136	94	
19	8.9	46.70	2	0	1	8.18	35	37	47.1	Tr.	69	18	
20	10	48.67	1	0	1	14.09[9]	19	19	49.6	Mer.	147	32	[9] Precedes CPD−19°6 by $26^s.5$
21	9	46.77	2	0	1	16.19	27	3	29.8	Tr.	90	3	
	9	47.71	2			16.44			31.3	Tr.	135	16	
22	9	47.79	1	0	1	18.21	26	38	0.5	Mu.	138	30	
23	7	48.67	2	0	1	19.72	22	2	24.9	Tr.	189	35	
	5	48.92	2			19.86			24.3	Mer.	156	39	
24	7	46.78	5	0	1	21.19	40	34	21.5	Mer.	74	21	
25	10	47.79	1	0	1	21.85	30	46	6.5[10]	Mer.	206	80	[10] Decl. changed one rev. north.
26	8	46.70	1	0	1	24.42	35	55	34.6	Tr.	69	19	
	7	46.78	3			24.43			34.0	Mu.	71	16	
27	9	46.77	2	0	1	24.77	29	9	47.7	Tr.	89	2	
	8	47.71	2			25.03[11]			48.3	Mer.	204	166	[11] One of three threads rejected; R. A. $=24^s.28$.
	9	47.71	1			25.28			50.6	Mu.	132	198	
28	6.7	46.73	3	0	1	41.86	28	49	21.4	Mu	63	65	
	4	46.77	5			41.89			24.1	Mer.	72	88	
29	9	46.70	7	0	1	51.53[12]	27	47	56.0	Mer.	60	142	[12] R. A. increased 1 min.
30	10	48.78	1	0	1	51.85	18	7	51.5	Mu.	207	37	
31	9	46.92	1	0	1	54.12	34	56	43.2	Mu.	83	1	
32	8.9	48.92	2	0	1	56.04	22	13	1.2	Mu.	212	32	
	9	47.84	1			56.41			1.3	Tr.	145	67	
	7	48.92	1			56.53			1.9	Mer.	156	40	
33	9.10	46.71	2	0	2	5.19	38	8	55.3	Tr.	71	62	
34	8.9	46.71	5	0	2	10.72	41	43	23.5	Mer.	64	46	
35	11	46.82	2	0	2	13.48	34	36	....	Tr.	100	2	
36	10	48.78	1	0	2	18.76[13]	18	4	57.3	Mu.	207	38	[13] R. A. decreased 1 min.
37	8.9	46.77	1	0	2	20.08	26	42	38.3	Tr.	90	4	
	9	47.68	1			20.11			39.2	Mer.	106	5	
	7	47.79	4			20.17			36.5	Mu.	138	31	
	7	47.71	2			20.29			37.5	Tr.	135	17	
38	11	48.67	3	0	2	31.19	20	49	2.6	Tr.	191	25	
	10	48.67	2			31.57[14]			5.3	Mu.	202	20	[14] Separate threads give $31^s.93$, $31^s.21$.
39	8	42.86	..	0	2	40...	17	36	59.8	Mer.	252	13	
40	9	47.80	3	0	2	42.16	23	36	19.5	Tr.	141	72	
41	10	48.79	3	0	2	46.35[15]	15	17	....	Tr.	205	84	[15] R. A. decreased one thread interval. One of four threads rejected; R. A. $=45^s.64$.
42	11	47.70	2	0	2	48.25	31	18	47.1	Tr.	131	21	
43	7	46.82	5	0	3	0.54	32	6	44.6	Mu.	77	29	[16] Threads IV and V give $7^s.53$; threads III and VI give $8^s.43$.
44	7.8	48.92	4	0	3	7...[16]	22	46	4.2	Mu.	212	33	
	8	47.89	2			7.86[17]			4.9	Mer.	115	2	[17] R. A. decreased one thread interval. One of three threads rejected; R. A. $=9^s.05$.
	9	47.84	2			8.38			2.2	Tr.	145	68	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
45	6.7	46.70	1	0	3	9.36	35	41	43.4	Tr.	69	20	
46	9	48.67	2	0	3	18.85[1]	19	24	21.5	Mer.	147	33	[1] One of three threads rejected; R. A. = $19^s.82$.
	10	48.77	3			19.41			....	Tr.	200	31	
47	9	47.87	3	0	3	25.44	24	25	57.8	Mu.	147	15	
	9	47.93	2			25.58[2]			56.0	Tr.	148	4	[2] Hour assumed.
48	10	46.73	3	0	3	39.71[3]	30	28	32.3	Tr.	77	87	[3] Separate threads give $39^s.72$, $39^s.20$, $40^s.20$.
	8	47.79	3			39.76			31.1	Mu.	139	83	
	8	47.79	3			40.21			32.0	Mer.	206	81	
49	8	48.92	2	0	3	39.91	22	4	61.2	Mer.	156	41	
	8	48.67	3			39.95			54.7	Tr.	189	36	
50	8	46.71	5	0	3	42.23	41	12	24.3	Mer.	64	47	
51	9	46.79	2	0	3	42. . .[4]	33	14	....	Tr.	93	2	[4] Separate threads give $43^s.55$, $42^s.37$.
52	9	46.93	2	0	3	42. . .[5]	33	38	7.8	Mu.	84	4	[5] Separate threads give $42^s.42$, $43^s.96$.
	8	46.89	3			42.82			5.4	Mu.	82	2	
53	9	46.70	5	0	3	43.97	27	50	53.8	Mer.	60	143	
	10	47.67	2			44.20			52.2	Tr.	127	55	
	9	46.71	3			44.29[6]			52.8	Mer.	62	98	[6] R. A. decreased 10 sec.
	9.10	47.80	1			44.31			49.7	Mu.	140	27	
54	10	46.77	2	0	3	50.83	27	5	1.9	Tr.	90	5	
	9	47.71	2			51.26			1.5	Tr.	135	18	
55	8	46.92	1	0	3	55.75	35	17	40.9	Mu.	83	2	
56	9	48.77	1	0	3	55.93	19	26	....	Tr.	200	32	
	9	48.67	2			56.21			6.7	Mer.	147	34	
57	6	46.75	2	0	3	56.92	28	38	....	Tr.	82	28	
	6	47.79	3			56.98			12.2	Tr.	138	78	
	4.5	46.77	4			57.14			6.9	Mer.	72	89	
	5.6	46.73	4			57.22			8.1	Mu.	63	66	
58	8	47.93	2	0	3	57.76[7]	24	28	3.3	Tr.	148	5	[7] Hour assumed.
	8	47.87	3			58.06			1.0	Mu.	147	16	
59	9	48.81	3	0	3	58.20	18	48	13.3	Tr.	209	2	
	9	48.76	2			58.38			16.1	Mer.	151	34	
60	6	46.78	3	0	4	5.80	35	58	22.0	Mu.	71	17	
	6	46.70	2			5.90			24.2	Tr.	69	21	
61	9	48.78	1	0	4	7.56	18	23	31.4	Mu.	207	39	
62	11	48.67	1	0	4	10.49	20	32	20.9	Mu.	202	21	
	10	48.67	3			10.79			14.4	Tr.	191	26	
63	9	46.93	3	0	4	11. . .[8]	34	3	58.6	Mu.	84	5	[8] Separate threads give $9^s.03$, $10^s.34$, $11^s.65$.
64	8	47.80	3	0	4	16.30	23	39	4.6	Tr.	141	73	
	8.9	47.89	4			16. . .[9]			4.8	Mu.	148	7	[9] Threads III and IV give $17^s.31$; threads V and VII give $16^s.43$.
65	9	52.86	. .	0	4	22. . .	17	38	51.8	Mer.	252	14	
66	7	46.89	7	0	4	22.98	43	0	19.6	Mer.	80	10	
67	7.8	46.70	3	0	4	24.29	27	43	24.4	Mer.	60	144	
	9	46.75	2			24.33			21.1	Mu.	66	56	
	9	46.71	3			24.48			23.6	Mer.	62	99	
68	10	48.74	1	0	4	28.22	16	40	35.8	Tr.	197	26	
69	6	48.81	3	0	4	30.55	18	46	18.2	Tr.	209	3	
	7.8	48.76	4			31.03			19.5	Mer.	151	35	
70	9	46.73	1	0	4	34.85	28	37	10.8	Mu.	63	67	
	8.9	47.79	3			35.05			12.8	Tr.	138	79	
	9	46.77	2			35.26			11.6	Mer.	72	90	
71	5	48.79	3	0	4	35.16	16	0	....	Tr.	205	85	
72	9	47.80	1	0	4	39.35	24	8	10.8	Tr.	141	74	
73	9	48.67	2	0	4	47.23	19	22	9.4	Mer.	147	35	
74	9	48.92	2	0	4	49.47[10]	22	53	52.6	Mu.	212	34	[10] One of three threads rejected; R. A. = $50^s.19$.
	9	47.89	3			49.68[11]			55.2	Mer.	115	3	[11] R. A. increased 1 min.
	9	47.84	1			49.95			58.1	Tr.	145	69	
75	10	47.70	2	0	4	56.59	31	41	10.7	Tr.	131	22	
	9	46.77	2			56.71			5.3	Tr.	87	35	
76	8	46.71	1	0	4	58.68	27	41	35.4	Mer.	62	100	
	7.8	46.70	4			58.75			36.0	Mer.	60	145	
	7	46.75	2			58.82			33.3	Mu.	66	57	
	8	47.67	1			58.84			31.9	Tr.	127	56	
77	10	47.79	1	0	5	2.98	30	10	37.2	Tr.	140	12	
78	9	46.93	2	0	5	3.49	34	7	22.1	Mu.	84	6	
	9	46.82	2			3.77			....	Tr.	100	3	
79	9	47.71	1	0	5	4.59	29	5	17.6[12]	Mer.	204	167	[12] Decl. changed one wire interval north.
80	6	46.80	4	0	5	5.48[13]	43	59	54.3	Mer.	77	47	[13] R. A. increased 30 sec. Still 1 sec. less than Lac, Gou, and Cp 80.
81	9	46.82	3	0	5	12.35	32	44	2.0	Mu.	77	30	
82	10	48.81	2	0	5	18.84	18	35	17.1	Tr.	209	4	
83	8.9	47.79	1	0	5	21.29	30	18	7.3	Mu.	139	85	
84	8	47.79	7	0	5	22.37	30	53	35.3	Mer.	206	82	
	9	46.73	4			22.44			35.4	Tr.	77	88	
	7.8	47.79	3			22.51			35.6	Mu.	139	84	
	9	46.80	3			22.78			33.5	Mu.	75	19	
85	10	47.96	2	0	5	24. . .[14]	25	47	16.6	Mu.	149	6	[14] Separate threads give $22^s.94$, $24^s.46$.
86	9	46.71	3	0	5	28.83	41	12	56.8	Mer.	64	48	
87	9	47.80	3	0	5	31.20	23	46	8.7	Tr.	141	75	
88	9	47.79	3	0	5	32.70	28	38	53.3	Tr.	138	80	
	8.9	46.77	3			32.83			49.5	Mer.	72	91	
	9	46.73	2			32.89			53.3	Mu.	63	68	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
89	10	48.78	1	0	5	33.76[1]	18	0	7.8	Mu.	207	41	[1] R. A. decreased one thread interval.
90	6.7	52.86	. .	0	5	35. . .	18	1	10.2	Mer.	252	15	
	8	48.78	2			35.36[2]			12.3	Mu.	207	40	[2] Separate threads give $35^s.71$, $35^s.01$.
91	6	46.80	3	0	5	35.85	43	53	56.4	Mer.	77	48	
92	7	46.75	1	0	5	38.53	27	9	34.0	Mu.	66	58	
	8	46.71	2			38.59			35.7	Mer.	62	101	
	8	46.77	1			38.64			36.0	Tr.	90	6	
	8	47.79	4			38.66			35.4	Mu.	138	32	
	7	47.71	2			38.73			34.7	Tr.	135	19	
93	7	46.71	7	0	5	39.07[3]	38	39	27.7	Mu.	57	59	[3] The R. A. of Mu. 57, Nos. 54, 55, 56, 57, and 59 are apparently about 1 sec. small as shown by Gou.
94	8	48.67	2	0	5	39.61	21	27	19.2	Tr.	189	37	
95	9	47.87	2	0	5	39.82	24	34	2.9	Mu.	147	17	
	7	46.73	3			39.89			2.7	Mer.	70	85	
	8.9	47.93	2			40.14[4]			4.8[5]	Tr.	148	6	[4] Hour assumed.
96	9	46.93	1	0	5	41.91	33	57	51.1	Mu.	84	7	[5] Decl. changed one rev. north.
97	10	48.67	1	0	5	49.09	19	16	26.3	Mer.	147	36	
98	9	46.71	2	0	5	55.40	41	11	38.5	Mer.	64	49	
99	8	47.79	1	0	5	57.94	30	24	30.2	Mer.	206	83	
	9	46.73	2			58.29			32.1	Tr.	77	89	
	7.8	47.79	1			58.35			33.5	Mu.	139	86	
	9.10	46.82	2			58.40[6]			35.5	Mu.	76	22	[6] One of three threads rejected; R. A.=$61^s.18$.
	9	47.79	2			58.47			39.1	Tr.	140	13	
100	8	47.80	2	0	6	6.34[7]	24	2	45.8	Tr.	141	76	[7] Separate threads give $6^s.70$, $5^s.97$.
	6.7	47.93	2			7.05[8]			47.1	Tr.	148	7	[8] Hour assumed.
	8	47.89	5			7.05			48.6	Mu.	148	8	
101	7	46.71	1	0	6	7.62	27	7	12.6	Mer.	62	102	
	7	46.77	1			7.79			10.8	Tr.	90	7	
	4.5	46.75	2			7.79			11.4	Mu.	66	59	
	6	47.71	3			7.81			11.8	Tr.	135	20	
	7	47.79	4			7.95			12.1	Mu.	138	33	
102	9	47.80	1	0	6	28.67	24	2	26.4	Tr.	141	77	
103	10	48.67	2	0	6	34.97	19	22	0.2	Mer.	147	37	
104	8	46.78	3	0	6	38.14	36	38	29.9	Mu.	71	18	
105	10	47.89	1	0	6	42.48	22	24	30.5	Mer.	115	4	
	9.10	48.92	3			42.51			24.3	Mu.	212	35	
	9	47.84	1			42.67			28.1[9]	Tr.	145	70	[9] Decl. changed one rev. north.
106	6	48.67	2	0	6	44.15	22	1	18.4	Tr.	189	38	
	7	48.92	6			44.34			15.7	Mer.	156	42	
107	7.8	47.80	4	0	6	44.11	28	21	33.6	Mu.	140	28	
	8	47.79	4			44.21			37.0	Tr.	138	81	
	7	46.77	3			44.44			32.7	Mer.	72	92	
	7.8	46.70	4			44.47			36.2	Mer.	60	146	
	7	46.75	2			44.54			. . . .	Tr.	82	29	
108	10	47.71	3	0	6	47.80	29	45	59.1	Mer.	204	168	
	9	47.79	1			47.91			52.3	Tr.	140	14	
109	8	46.75	2	0	6	49.71	28	0	. . . .	Tr.	82	30	
	9	47.80	2			49.79			6.9	Mu.	140	29	
	9	47.79	1			49.78[10]			9.9	Tr.	138	82	[10] R. A. increased one thread interval.
	8	46.70	4			49.87			8.4	Mer.	60	147	
110	11	48.77	2	0	6	50.57[11]	19	15	. . . .	Tr.	200	33	[11] R. A. decreased 1 min.
111	9	46.71	4	0	6	52.50	41	15	20.1	Mer.	64	50	
112	5	48.77	1	0	7	0.43	19	45	. . . .	Tr.	200	34	
	3	48.67	6			1.07			. . . .	Tr.	198	32	
113	9	48.79	4	0	7	0.71	15	38	. . . .	Tr.	205	86	
114	10	46.77	1	0	7	2.97	26	43	7.0	Tr.	90	8	
	10	47.71	1			3.21			6.8	Tr.	135	21	
115	9	46.98	6	0	7	5.48	33	52	50.1	Mu.	85	2[12]	[12] Mu. 85, No. 1 rejected; transits discordant and micrometer doubtful.
	8.9	46.93	2			5.50[13]			47.4	Mu.	84	8	
	8.9	46.89	4			5.54			49.3	Mu.	82	3	[13] One thread decreased 10 sec.
116	10	48.78	1	0	7	5.99	17	59	16.6	Mu.	207	42	
117	9	47.79	1	0	7	16.80[14]	31	0	16.6	Mer.	206	84	[14] R. A. increased 1 min.
118	10	46.79	2	0	7	18.52	32	59	. . . .	Tr.	93	3	
119	10	48.74	3	0	7	22.64	16	53	20.9	Tr.	197	27	
120	9	46.70	3	0	7	26.59	28	20	16.9	Mer.	60	148	
	9	46.75	1			26.84			. . . .	Tr.	82	31	
	9	47.79	2			26.99			14.5	Tr.	138	83	
121	10	46.82	2	0	7	27.88	34	24	. . . .	Tr.	100	4	
122	8	46.77	2	0	7	32.23	29	50	35.8[15]	Tr.	89	3	[15] Decl. changed one wire interval south.
	9	47.79	1			32.31			26.3	Tr.	140	15	
	9.10	46.82	1			32.33			28.3	Mu.	76	23	
123	9	47.96	3	0	7	36.53	25	19	5.7	Mu.	149	7	
	9	46.73	4			36.87			5.0	Mer.	68	154	
	8	46.73	2			36.89			4.5	Mer.	70	86	
124	7	52.86	. .	0	7	38. . .	17	35	22.2	Mer.	252	16	
125	8	47.80	2	0	7	38. . .[16]	23	43	26.6	Tr.	141	78	[16] Separate threads give $39^s.41$, $37^s.97$.
126	8	46.92	1	0	7	39.62	35	19	53.8	Mu.	83	3	
127	8.9	46.89	5	0	7	43.93[17]	42	59	54.6	Mer.	80	11	[17] One of six threads rejected; R. A.=$42^s.76$.
128	9	46.80	2	0	7	50. . .[18]	31	0	11.5	Mu.	75	20	[18] Separate threads give $50^s.65$, $49^s.73$.
	10	46.73	3			50.50			10.2	Tr.	77	90	
	10	47.70	3			50.66			13.2[19]	Tr.	131	23	[19] Decl. changed one rev. north.
	8	47.79	2			50.75			13.9	Mer.	206	85	
	7.8	47.79	1			50.79			12.2	Mu.	139	87	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
129	10	48.76	2	0	7	53.78	18	44	57.1	Mer.	151	36	
	10	48.81	3			54.11			52.4	Tr.	209	5	
130	8	46.73	2	0	7	57.47	25	10	43.9	Mer.	70	87	
	9	46.73	4			57.58			46.1	Mer.	68	155	
131	8	46.71	4	0	7	57.53	41	17	8.1	Mer.	64	51	
132	9	46.78	2	0	8	10.08	35	59	2.4	Mu.	71	19	
133	8.9	46.89	3	0	8	31.35	43	30	18.8	Mer.	80	12	
134	5	46.77	5	0	8	33.11	32	16	45.5	Tr.	87	36	
	6.7	46.82	6			33.25			44.6	Mu.	77	31	
135	9	47.79	1	0	8	37.40	28	36	35.8	Tr.	138	84	
136	9	47.80	3	0	8	40.10	23	24	40.7	Tr.	141	79	
137	10	48.79	2	0	8	40.48	15	18	....	Tr.	205	87	
138	8	48.67	2	0	8	45.46	20	13	35.6	Tr.	191	27	
	12	48.67	3			45.63			....	Tr.	198	33	
	9.10	48.67	2			45.90			37.9	Mu.	200	19	
139	9	46.70	3	0	8	45.90[1]	27	58	40.7	Mer.	60	149	[1] One of four threads rejected; R. A. = $47^{s}.04$.
	9	47.79	1			45.96			44.8	Tr.	138	85	
	10	47.80	2			46.14			41.2	Mu.	140	30	
	10	46.75	2			46.42			....	Tr.	82	32	
140	9	47.89	4	0	8	46.77	23	25	16.1	Mu.	148	9	
	8	47.80	2			46.95			16.2	Tr.	141	80	
141	9	47.79	1	0	8	48.16	28	3	15.6	Tr.	138	86	
142	9	48.67	3	0	8	51.58[2]	19	5	9.4	Mer.	147	38	[2] R. A. decreased 1 min.
	11	48.77	2			51.89			....	Tr.	200	35	
143	6	46.80	3	0	8	54.92	44	36	47.9	Mer.	77	49	
144	9	48.81	2	0	8	56.57	18	43	52.4	Tr.	209	6	
	9.10	48.76	2			56.60			55.0	Mer.	151	37	
145	8	46.93	2	0	8	58. . .[3]	33	35	39.5	Mu.	84	9	[3] R. A. decreased 1 min. Separate threads give $58^{s}.88$, $49^{s}.96$.
	8	46.98	4			58.50			38.3	Mu.	85	3	
	8.9	46.89	4			58.54			39.0	Mu.	82	4	
146	10	47.89	1	0	9	0.55	22	22	59.7	Mer.	115	5	
	10.9	47.84	1			0.77			55.7	Tr.	145	71	
	9.10	48.92	3			0.94			57.6	Mu.	212	36	
147	9	47.84	1	0	9	0.61	22	26	2.0	Tr.	145	72	
	9.10	48.92	3			0.88			6.9	Mu.	212	37	
148	6	48.67	2	0	9	5. . .[4]	21	2	42.4	Mu.	202	22	[4] Separate threads give $5^{s}.55$, $4^{s}.63$.
	8	48.67	2			5.07			39.4	Mu.	200	20	
149	8.9	46.80	3	0	9	6.20	31	16	4.6	Mu.	75	21	
150	7	46.93	2	0	9	8.52[5]	33	31	16.4	Mu.	84	10	[5] R. A. decreased 1 min. Separate threads give $8^{s}.91$, $8^{s}.13$.
	7.8	46.98	4			8.81			16.3	Mu.	85	4	
	7.8	46.89	4			9.00			17.7	Mu.	82	5	
	6	46.79	2			9.08			....	Tr.	93	4	
151	8	47.79	2	0	9	8.60	30	34	47.6	Mer.	206	86	
	8.9	47.79	1			8.92			50.0	Mu.	139	88	
152	11	48.79	2	0	9	15.28	15	33	....	Tr.	205	88	
153	10	47.71	4	0	9	18.48	29	33	45.0[6]	Mer.	204	169	[6] Decl. changed nine rev. south.
154	10	48.81	2	0	9	29.60	18	35	50.0	Tr.	209	7	
155	7	46.80	2	0	9	41.54	44	41	8.4	Mer.	77	50	
156	8	47.79	1	0	9	50.91	30	39	15.8	Mer.	206	87	
	9	47.79	1			51.05			18.8	Mu.	139	89	
157	7	48.67	2	0	9	55.81	19	53	....	Tr.	198	34	
158	10	48.78	1	0	10	15.85	18	24	0.4	Mu.	207	43	
159	8	47.71	2	0	10	21.58	26	44	57.6	Tr.	135	22	
	8	46.77	4			21.68			56.8	Tr.	90	9	
160	8	48.92	3	0	10	26.33[7]	22	39	54.9	Mu.	212	38	[7] One of four threads rejected; R. A. = $25^{s}.53$.
	8	47.89	2			26.33			58.1	Mer.	115	6	
	9	47.84	1			26.40			57.8	Tr.	145	73	
161	9	46.70	6	0	10	31.51	27	44	35.0	Mer.	60	150	
162	7	48.67	2	0	10	40.91	21	58	16.4	Tr.	189	39	
	5	48.92	4			41.10			18.2	Mer.	156	43	
163	8.9	46.92	1	0	10	46.12	35	0	30.3	Mu.	83	4	
164	7	46.77	3	0	10	46.95	37	20	37.2	Mu.	69	19	
165	10	48.92	1	0	10	48.47[8]	22	2	42.6	Mer.	156	44	[8] R. A. increased 20 sec.
166	9	46.73	2	0	10	53.87[9]	28	46	6.9	Mu.	63	69	[9] R. A. decreased 1 min.
167	9	46.73	2	0	10	57.76[10]	28	47	6.0	Mu.	63	70	[10] R. A. decreased 1 min.
168	8	46.71	2	0	11	6.18	40	56	34.7	Mer.	64	52	
169	8	47.79	2	0	11	7.18	30	47	27.7	Mu.	139	90	
	8	47.79	4			7.37			23.5	Mer.	206	88	
	9	46.73	4			7.51			23.9	Tr.	77	91	
170	4	46.80	3	0	11	13.25	44	4	17.3	Mer.	77	51	
171	9	47.80	1	0	11	19.38	23	59	50.9	Tr.	141	82	
172	9	46.89	2	0	11	20. . .[11]	34	9	32.4	Mu.	82	6	[11] Separate threads give $21^{s}.65$, $20^{s}.01$.
	9	46.93	2			20.30			33.5	Mu.	84	11	
173	10	48.74	2	0	11	21.83	16	49	49.1	Tr.	197	28	
174	9	47.96	4	0	11	25.54	25	16	33.0	Mu.	149	8	
	8	46.73	3			25.60			32.9	Mer.	70	88	
175	9	47.80	3	0	11	31.09	23	44	40.0	Tr.	141	81	
	10	47.89	2			31.19			43.5	Mu.	148	10	
176	10	47.79	1	0	11	33.07	28	31	21.6	Tr.	138	87	
177	8	46.73	2	0	11	34.10	25	5	10.7	Mer.	70	89	
	8.9	46.73	4			34.13			10.5	Mer.	68	156	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
178	10	47.71	3	0	11	41.45	29	19	27.1 [1]	Mer.	204	170	[1] Decl. changed two wire intervals north.
179	9	46.82	2	0	11	43.15	34	44	....	Tr.	100	5	
	9	46.92	1			43.17			32.2	Mu.	83	5	
180	10	48.79	3	0	11	45.25	15	40	....	Tr.	205	89	
181	11	48.67	2	0	11	46.62	20	57	39.8	Tr.	191	28	
182	7.8	46.71	3	0	11	51.09	40	56	35.1	Mer.	64	53	
183	9	48.81	3	0	11	52.31	18	30	53.0	Tr.	209	8	
	9	48.76	2			52.40			46.8	Mer.	151	38	
	7	48.78	2			52.42			48.0	Mu.	207	44	
184	8	47.89	3	0	11	58.86	22	38	20.2 [2]	Mer.	115	7	[2] Decl. changed one rev. north.
	8	48.92	5			58.88			20.0	Mu.	212	39	
	8.9	47.84	1			58.88			26.5	Tr.	145	74	
185	11	47.70	2	0	12	8.45	31	29	37.6	Tr.	131	24	
186	11	48.67	2	0	12	10. . . [3]	20	28	1.1	Mu.	202	23	[3] Separate threads give $10^{s}.27$, $11^{s}.08$.
187	9	47.79	2	0	12	19.60	28	29	30.2	Tr.	138	88	
	11	46.75	2			19.62			....	Tr.	82	33	
188	8	47.68	3	0	12	23.45	25	57	4.7	Tr.	129	72	
	8	46.72	4			23.51			0.6	Mer.	66	129	
	7.8	47.96	3			23.57			5.6	Mu.	149	9	
	7	46.77	5			23.71			1.5	Mu.	70	2	
189	7	48.81	3	0	12	26.33	18	31	57.5	Tr.	209	9	
	6	48.78	1			26.41			60.4	Mu.	207	45	
	9	48.76	3			26.51			57.7	Mer.	151	39	
190	7	46.78	2	0	12	39.47	36	44	12.7	Mu.	71	20	
191	9	46.89	3	0	12	43.60	33	35	56.3	Mu.	82	7	
	8	46.93	2			43.86			56.4	Mu.	84	12	
	9	46.98	3			44.05 [4]			58.8	Mu.	85	5	[4] One of four threads rejected; R. A. = $45^{s}.55$.
192	8.9	47.96	1	0	12	45.75	25	32	8.0	Mu.	149	10	
	9	46.73	4			45.91			8.3	Mer.	68	157	
193	10	47.70	2	0	12	55.85	31	23	20.1	Tr.	131	25	
	9	46.80	2			55.92			19.8	Mu.	75	22	
194	9	46.77	3	0	13	7.32	27	7	48.7	Tr.	90	10	
	9	46.71	2			7.32 [5]			54.5	Mer.	62	103	[5] R. A. increased one thread interval.
	9	47.71	3			7.43			49.9	Tr.	135	23	
195	9	48.74	3	0	13	9.49	16	29	47.6	Tr.	197	29	
196	8.9	46.77	2	0	13	10.36	26	17	56.6	Mu.	70	3	
	8.9	46.72	2			10.44			57.9	Mer.	66	130	
	9	47.68	4			10.55			56.0	Mer.	106	6	
197	6	47.93	3	0	13	14.28 [6]	24	27	48.9	Tr.	148	8	[6] Hour assumed.
198	10	48.67	3	0	13	16.74	20	45	42.0	Tr.	191	29	
	8	48.67	1			16.75			40.4	Mu.	202	24	
	9	48.67	2			16.90			41.3	Mu.	200	21	
199	7	47.79	3	0	13	22.90 [7]	30	31	9.6	Mu.	139	91	[7] One of four threads rejected; R. A. = $23^{s}.72$.
	7	47.79	7			23.05			6.7	Mer.	206	89	
	8.9	46.73	3			23.07			9.5	Tr.	77	92	
200	9	47.79	2	0	13	25.75	28	3	37.8	Tr.	138	89	
201	6.7	46.78	6	0	13	25.99	40	4	18.6	Mer.	74	22	
202	9	47.71	2	0	13	32. . . [8]	27	5	41.1	Tr.	135	24	[8] Separate threads give $33^{s}.29$, $32^{s}.32$.
	9	46.77	3			32.06			40.5	Tr.	90	11	
	10	46.71	1			32.27			43.2	Mer.	62	104	
203	6.7	46.78	2	0	13	45.16	36	37	49.8	Mu.	71	21	
204	6	47.71	4	0	13	58.23	29	48	39.9	Mer.	204	171	
	6.7	46.82	7			58.54			40.5	Mu.	76	24	
	7	46.70	3			58.54			44.8	Mer.	58	83	
	6	47.79	3			58.56			39.7	Tr.	140	16	
	5	46.77	2			58.86			41.9	Tr.	89	4	
205	9	48.74	1	0	13	59.21	17	2	25.5 [9]	Tr.	197	30	[9] Decl. changed one rev. north.
206	8.9	47.96	2	0	13	59.97	25	54	29.8	Mu.	149	11	
	8.9	46.72	1			60.09			31.1	Mer.	66	131	
	9	46.78	2			60.10			30.1	Tr.	129	73	
207	8	46.92	2	0	14	2.01 [10]	35	0	4.0	Mu.	83	6	[10] Separate threads give $1^{s}.64$, $2^{s}.38$.
208	9	46.93	2	0	14	5.49	33	55	38.3	Mu.	84	13	
209	6.7	48.67	1	0	14	10.45	20	53	22.4	Tr.	191	30	
	5	48.67	5			10.60			23.5	Mu.	200	22	
	5	48.67	3			10.69 [11]			....	Mu.	202	25	[11] One thread decreased 30 sec.
210	8	47.89	3	0	14	16.68	23	50	11.7	Mu.	148	11	
	6.7	47.80	2			16.83			7.8	Tr.	141	83	
211	10	47.93	1	0	14	17.12 [12]	24	13	8.1	Tr.	148	9	[12] Hour assumed.
212	9	47.89	1	0	14	17.26	23	28	25.1	Mu.	148	12	
	9	47.80	1			17.30			25.9	Tr.	141	84	
213	10	47.67	2	0	14	26.71	27	32	41.8	Tr.	127	57	
	8.9	46.75	3			26.93 [13]			38.6	Mu.	66	60	[13] One of four threads rejected; R. A. = $27^{s}.87$.
214	9	47.80	1	0	14	32.06	23	46	18.4	Tr.	141	85	
215	9.10	46.73	2	0	14	32.08	25	46	9.4	Mer.	68	158	
216	9	46.70	3	0	14	35.92	28	13	62.0	Mer.	60	151	
	9	47.79	2			36.20			56.3	Tr.	138	90	
217	10	48.76	1	0	14	37.98	18	38	44.3	Mer.	151	40	
218	8.9	46.72	2	0	14	40.14	26	2	49.1	Mer.	66	132	
	8.9	46.77	2			40.17			50.3	Mu.	70	4	
	9	47.68	4			40.29 [14]			50.1	Mer.	106	7	[14] R. A. increased 1 min.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
219	9	46.89	1	0	14	40.41	39	13	4.0	Tr.	103	1	
220	6	47.93	2	0	14	46.02 [1]	24	40	30.9	Tr.	148	10	[1] Hour assumed.
	5.6	46.73	6			46.33			23.9	Mer.	70	90	
221	9	46.75	2	0	14	47.92	27	50	52.5	Mu.	66	61	
	8	46.70	4			48.18			51.8	Mer.	60	152	
	9	47.80	4			48.33			53.0	Mu.	140	31	
	9	46.71	2			48.34			54.7	Mer.	62	105	
	7	46.75	2			48.53			....	Tr.	82	34	
222	9	47.80	1	0	14	50.14	23	51	15.6	Tr.	141	86	
223	8.9	47.96	2	0	14	52.54 [2]	25	49	12.3	Mu.	149	12	[2] One thread decreased 10 sec.
	7.8	46.73	2			52.81			16.5	Mer.	68	159	
224	10	48.78	1	0	14	55.70	17	56	54.1	Mu.	207	46	
225	7	52.86	..	0	15	9. . .	17	23	58.3 [3]	Mer.	252	17	[3] Decl. changed one wire interval south.
226	9	46.82	5	0	15	14.29	32	32	14.1	Mu.	77	32	
227	7	46.78	3	0	15	15.71	36	13	11.3	Mu.	71	22	
228	6.7	46.78	5	0	15	19.52	40	5	39.4	Mer.	74	23	
229	8.9	48.74	3	0	15	27.58	16	46	33.7	Tr.	197	31	
230	9	47.80	1	0	15	31.63	23	53	53.3	Tr.	141	87	
231	7	46.77	4	0	15	41.80	31	52	3.9	Tr.	87	37	
232	8	46.82	2	0	15	46. . . [4]	34	0	....	Tr.	100	6	[4] Separate threads give $47^{s}.45$, $46^{s}.53$.
	9	46.98	5			46.73			17.7	Mu.	85	6	
233	10	48.67	5	0	15	49.87	19	43	....	Tr.	198	35	
	8.9	48.67	4			49.93			23.7	Mer.	147	39	
234	7	46.73	7	0	15	50.75	30	40	39.9	Tr.	77	93	
	5	47.79	5			50.86			40.9	Mer.	206	90	
	7	47.79	3			50.96			39.9	Mu.	139	92	
235	9	47.80	1	0	15	57.84	23	51	13.0	Tr.	141	88	
236	8	47.79	2	0	16	5.53	30	19	10.8	Mer.	206	91	
	9	47.79	1			5.64			12.0	Tr.	140	18	
	8.9	47.79	1			5.65			10.5	Mu.	139	93	
237	9	47.79	2	0	16	6.63	30	12	27.1	Tr.	140	17	
238	9	46.70	3	0	16	7.13	29	29	38.7	Mer.	58	84	
	7	46.77	2			7.24			17.6	Tr.	89	5	
	8	47.71	3			7.45 [5]			37.9	Mer.	204	172	[5] One of four threads rejected; R. A.=$6^{s}.74$.
239	8	52.86	..	0	16	12. . .	17	17	4.0	Mer.	252	18	
240	9	48.76	4	0	16	23.41	18	38	39.5	Mer.	151	41	
	8	48.81	3			23.57			38.4	Tr.	209	10	
241	9.10	46.77	3	0	16	25.08	32	6	2.8	Tr.	87	38	
242	10	46.75	2	0	16	27. . . [6]	28.	14	....	Tr.	82	35	[6] Separate threads give $26^{s}.55$, $27^{s}.66$.
	9	47.79	3			27.30			44.5	Tr.	138	91	
	9	46.70	3			27.30			46.9	Mer.	60	153	
243	7.8	47.93	3	0	16	40.13 [7]	24	14	5.6	Tr.	148	11	[7] Hour assumed.
244	8	46.75	2	0	16	46. . . [8]	27	51	46.0	Mu.	66	62	[8] Separate threads give $47^{s}.14$, $45^{s}.80$.
	8	47.80	4			46.62			44.7	Mu.	140	32	
	7.8	46.70	3			46.68			42.9 [9]	Mer.	60	154	[9] Decl. changed one rev. north.
	7	46.75	2			46.71			....	Tr.	82	36	
	8.9	46.71	3			46.89			45.2	Mer.	62	106	
	9	47.67	1			46.92			42.0 [10]	Tr.	127	58	[10] Decl. changed one rev. south.
245	6	46.77	2	0	16	47.58	29	48	39.5	Tr.	89	6	
	9	46.82	6			47.59			44.8	Mu.	76	25	
246	8.9	46.78	3	0	16	51.57	36	28	16.6	Mu.	71	23	
247	9	47.67	1	0	16	57.43	27	44	54.0	Tr.	127	59	
	8	46.71	2			58.18			53.7	Mer.	62	107	
	7.8	46.70	3			58.24			54.1	Mer.	60	155	
	8.9	46.75	2			58.26			53.2	Mu.	66	63	
	8	47.80	3			58.66			54.2	Mu.	140	33	
248	8	47.71	3	0	17	0.47	29	14	52.2	Mer.	204	173	
249	9.10	46.73	3	0	17	1.63	25	34	9.0	Mer.	68	160	
	10	46.72	3			1.66			10.7	Mer.	66	133	
250	10	48.67	2	0	17	11.95	20	40	49.5	Tr.	191	31	
251	7.8	46.73	7	0	17	13.08	25	7	6.7	Mer.	70	91	
	7.8	46.73	2			13.12 [11]			6.3	Mer.	68	161	[11] One of three threads rejected; R. A.=$12^{s}.37$.
252	9	48.67	3	0	17	15.15	19	18	3.5	Mer.	147	40	
253	9	47.93	2	0	17	16.10 [12]	24	17	0.8	Tr.	148	12	[12] Hour assumed.
254	9	48.74	3	0	17	17.75	16	51	35.5	Tr.	197	32	
255	9	47.79	1	0	17	19.54	28	32	21.6	Tr.	138	92	
256	10	48.67	1	0	17	21.14	19	12	32.7	Mer.	147	41	
	10	48.76	2			21.61			37.0	Mer.	151	42	
257	9	48.67	1	0	17	21.80	20	46	30.1	Tr.	191	32	
	9	48.67	1			22.36			29.8	Mu.	202	26	
258	8	46.80	4	0	17	33.17	31	31	3.6	Mu.	75	23	
	8	47.70	2			33.23			1.3	Tr.	131	26	
259	7	48.78	5	0	17	48.08 [13]	18	15	23.5	Mu.	207	47	[13] One thread increased 10 sec.
260	9	48.74	1	0	17	55.22	16	57	58.3	Tr.	197	33	
261	6	46.78	5	0	17	56.76	40	5	21.9	Mer.	74	24	
262	10	47.68	4	0	18	0.02	25	48	9.1	Tr.	129	74	
	9	47.96	4			0.08			7.2	Mu.	149	13	
	9.10	46.72	2			0.12			8.5	Mer.	66	134	
263	10	48.67	4	0	18	0.87	19	38	....	Tr	198	36	
264	7	48.67	3	0	18	2.89	20	45	54.4	Mu.	202	27	
	8.9	48.67	4			3.00 [14]			48.8	Mu.	200	23	[14] One of five threads rejected; R. A.=$3^{s}.82$.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
265	9	47.79	2	0	18	3.40	29	58	22.0	Tr.	140	19	
266	10	48.81	2	0	18	5.75	18	24	0.2	Tr	209	11	
267	8	47.84	2	0	18	9.05	22	27	48.2	Tr.	145	75	
	8	47.89	3			9.06			47.8	Mer.	115	8	
	8	48.92	3			9.27[1]			48.9	Mu.	212	40	[1] One of four threads rejected; R. A.=$8^{s}.53$.
268	6.7	47.79	4	0	18	14.32	28	32	24.7	Tr.	138	93	
	7	46.73	4			14.38			25.2	Mu.	63	71	
	5	46.75	3			14.50			....	Tr.	82	37	
	7	47.80	1			14.67			26.3	Mu.	140	34	
269	9	47.80	2	0	18	19.12	24	6	55.3	Tr.	141	89	
270	9	47.79	1	0	18	25.08	30	36	42.0	Mu.	139	94	
271	8	46.80	5	0	18	26.35	31	34	47.3	Mu.	75	24	
272	7	46.77	2	0	18	26.47	29	6	19.2	Tr.	89	7	
	9	46.70	3			26.58			18.6	Mer.	58	85	
	8	47.71	2			26.73			16.7[2]	Mer.	204	174	[2] Decl. changed one wire interval north.
273	9	48.92	..	0	18	39. . .	22	22	49.6	Mu.	212	42	
274	8	47.84	2	0	18	42.74	22	30	16.1	Tr.	145	76	
	8.9	47.89	3			42.98[3]			8.5	Mer.	115	9	[3] R. A. decreased one thread interval.
	8	48.92	1			43.06			16.1	Mu.	212	41	
275	8.9	48.67	2	0	18	47.23	19	31	23.8	Mer.	147	42	
276	1.2	46.80	2	0	18	48.89	44	30	44.5	Mer.	77	52	
277	6	46.78	2	0	18	49.88	40	28	36.7	Mer.	74	25	
278	2	46.89	7	0	18	51.31	43	7	14.6	Mer.	80	13	
279	8	46.77	2	0	19	0.83	29	14	34.0	Tr.	89	8	
	9	46.70	2			0.93			35.4	Mer.	58	86	
	7	47.71	2			1.67[4]			34.3	Mer.	204	175	[4] One thread increased 10 sec.
280	9	47.80	1	0	19	3.07	24	6	39.6	Tr.	141	90	
281	7	48.67	3	0	19	19.77	21	29	46.9	Tr.	189	40	
282	8.9	47.80	1	0	19	25.87	24	7	31.0	Tr.	141	91	
	10	47.93	2			26.25[5]			28.1	Tr.	148	13	[5] Hour assumed.
283	9	46.79	2	0	19	42.34	33	15	....	Tr.	93	5	
284	6	46.77	6	0	19	43.50	26	22	38.5	Mu.	70	5	
285	9	47.80	1	0	19	43.78	23	33	53.5	Tr.	141	92	
286	9	47.79	2	0	19	44.28	30	24	49.5	Tr.	140	20	
	9.10	46.73	3			44.31			42.9	Tr.	77	94	
	9	46.82	3			44.35			44.2	Mu.	76	26	
	7	47.79	1			44.36			43.8	Mu.	139	95	
	8	47.79	3			44.41			42.2	Mer.	206	92	
287	9	46.77	3	0	19	45.94	31	51	54.5	Tr.	87	39	
288	10	48.76	2	0	19	48.28	18	40	38.4	Mer.	151	43	
	10	48.81	3			49.20			37.8	Tr.	209	12	
289	8	46.82	2	0	19	50.43	34	42	....	Tr.	100	7	
	8	46.92	3			50.94[6]			47.4	Mu.	83	7	[6] One of four threads rejected; R. A.=$50^{s}.17$
290	8	47.79	3	0	19	50.98	30	55	19.6	Mer.	206	93	
291	7	47.71	3	0	19	52.37	29	4	28.4	Mer.	204	176	
	5	46.77	1			52.57			28.8	Tr.	89	9	
	7	46.73	3			52.71			25.4	Mu.	63	72	
	7.8	46.70	3			52.75			28.1	Mer.	58	87	
292	7	48.67	2	0	20	3.38	20	57	57.3	Tr.	191	33	
	5.6	48.67	3			3.74[7]			54.6	Mu.	202	28	[7] R. A. decreased one thread interval.
	7	48.67	5			3.87			53.9	Mu.	200	24	
293	5	52.86	..	0	20	3. . .	17	14	30.5	Mer.	252	19	
	8.9	48.74	3			3.53			32.9	Tr.	197	34	
294	10	46.79	2	0	20	11.64	33	12	....	Tr.	93	6	
295	10	48.78	1	0	20	12.05[8]	17	47	9.8	Mu.	207	48	[8] One of two threads rejected; record doubtful.
296	9	47.80	1	0	20	19.59	24	0	14.9	Tr.	141	93	
297	9.10	46.72	2	0	20	20.35	26	6	49.1	Mer.	66	135	
	9	46.77	1			20.41			46.6	Mu.	70	6	
298	9	47.96	3	0	20	21.73	25	40	49.6	Mu.	149	14	
	8.9	46.73	5			22.02			51.4	Mer.	68	162	
	9.10	46.72	3			22.15			52.5[9]	Mer.	66	136	[9] Decl. changed one wire interval north.
	10	47.68	5			22.31			50.5	Tr.	129	75	
299	8	47.79	1	0	20	24.50	30	16	59.8	Mu.	139	96	
	9	47.79	1			24.88			53.2	Tr.	140	21	
300	6.7	46.98	6	0	20	29.07	33	50	9.1	Mu.	85	7	
	5	46.93	7			29.21			9.1	Mu.	84	14	
301	9	48.92	1	0	20	31.31	22	7	25.4	Mer.	156	45	
	9	48.67	1			32.03			29.0	Tr.	189	41	
302	7	46.82	3	0	20	45.69[10]	29	52	12.2	Mu.	76	27	[10] One of four threads rejected; R. A.=$46^{s}.53$.
303	9	47.89	2	0	20	50.45[11]	23	41	6.9	Mu.	148	13	[11] One of three threads rejected; R. A.=$51^{s}.31$.
	8	47.80	2			50.47			6.4	Tr.	141	94	
304	10	46.77	1	0	20	52.90	31	49	55.7	Tr.	87	40	
305	7	47.79	2	0	20	57.18	30	6	47.1	Tr.	140	22	
306	8	47.79	2	0	20	58.58	30	56	32.6	Mer.	206	94	
	10	47.70	2			58.58			36.5	Tr.	131	27	
307	2.3	46.78	2	0	21	2.36[12]	40	44	46.2	Mer.	74	26	[12] R. A. increased one thread interval.
308	9	46.78	3	0	21	2.66	36	33	38.0[13]	Mu.	71	24	[13] About 40″ south of Ya 216.
309	10	48.74	1	0	21	3.40[14]	17	2	51.4	Tr.	197	35	[14] R. A. increased 1 min.
310	9	46.92	2	0	21	11.13	34	47	57.5	Mu.	83	8	
311	9	46.77	2	0	21	14.82	29	43	43.8[15]	Tr.	89	10	[15] Decl. changed one rev. south
	8	46.70	3			14.83			47.6	Mer.	58	88	
	8	47.71	3			15.29			47.4[16]	Mer.	204	177	[16] Decl. changed one wire interval south.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
312	7	47.96	6	0	21	19.65	25	28	3.1	Mu.	149	15	
	7	46.73	4			19.91			1.0	Mer.	68	163	
313	9.10	46.73	3	0	21	25.69	24	43	18.7	Mer.	70	92	
314	8	46.75	2	0	21	31.40 [1]	28	13	....	Tr.	82	38	[1] Two threads differ 0.7 sec. If first be increased 1 sec.; R. A.=$31^s.90$.
	9	46.70	4			32.03			24.6 [2]	Mer.	60	156	
	9	47.79	3			32.23			23.0	Tr.	138	94	[2] Decl. changed one rev. north.
315	8	47.67	3	0	21	37.74	27	50	24.0	Tr.	127	60	
	7.8	46.70	4			37.77			19.9	Mer.	60	157	
	7.8	46.75	4			37.85			21.5	Mu.	66	64	
	8.9	47.80	4			38.04			22.2	Mu.	140	35	
	8	46.71	5			38.08			24.7	Mer.	62	108	
316	9	47.79	1	0	21	37.78	30	40	29.9	Mu.	139	97	
317	9	47.96	1	0	21	44.05	25	45	20.0	Mu.	149	16	
	8.9	46.73	3			44.79			21.5	Mer.	68	164	
	9.10	46.72	3			44.82			20.7	Mer.	66	137	
	10	47.68	1			45.04			20.8	Tr.	129	76	
318	8	46.78	1	0	21	57.50	36	33	13.8	Mu.	71	25	
319	7.8	46.71	5	0	22	1.53	41	29	42.3	Mer.	64	54	
320	9	47.80	1	0	22	4.75	24	1	6.3 [3]	Tr.	141	95	[3] Decl. changed one rev. south.
321	7	46.79	2	0	22	7.56	33	24	....	Tr.	93	7	
	8.9	46.98	4			7.74			23.7	Mu.	85	8	
	9	46.93	3			7.80 [4]			22.0	Mu.	84	15	[4] One of four threads rejected; R. A.=$8^s.68$.
322	9	46.78	1	0	22	10.00	36	39	18.4	Mu.	71	26	
323	10	48.78	1	0	22	13.70	18	2	9.2	Mu.	207	49	
324	10	46.82	2	0	22	25.60	34	15	....	Tr.	100	8	
325	8	46.79	2	0	22	27.02	33	5	....	Tr.	93	8	
326	9	46.75	2	0	22	27.27	28	4	....	Tr.	82	39	
	9	46.70	3			27.42			28.8	Mer.	60	158	
	9	47.79	3			27.68			33.1	Tr.	138	95	
327	9	47.79	2	0	22	30.54	31	3	41.7	Mer.	206	95	
328	9	46.71	3	0	22	36.02 [5]	41	17	30.4	Mer.	64	55	[5] R. A. decreased two thread intervals.
329	9	48.92	3	0	22	38.48	22	17	36.9	Mu.	212	43	
	8	48.92	3			38.58			38.3	Mer.	156	46	
	10	47.89	2			38.60 [6]			37.3 [7]	Mer.	115	10	[6] R. A. decreased 1 min.
330	10	48.67	3	0	22	49.32	20	40	47.8	Tr.	191	34	[7] Decl. changed five rev. south.
	10	48.67	2			49.68 [8]			46.0	Mu.	202	29	[8] Separate threads give $50^s.03$, $49^s.32$.
331	9	48.74	3	0	22	50.84	16	44	45.1	Tr.	197	36	
332	4.5	46.73	5	0	22	52.52	24	37	4.5	Mer.	70	93	
333	9	48.67	3	0	23	3.50	19	27	0.2	Mer.	147	43	
334	6	46.78	3	0	23	7.39	40	20	42.3 [9]	Mer.	74	27	[9] Decl. changed two rev. south.
335	8.9	46.73	2	0	23	10.50	28	45	55.3	Mu.	63	73	
336	8	47.71	5	0	23	10.59 [10]	29	21	50.7	Mer.	204	178	[10] R. A. increased 1 min.
337	9	47.80	1	0	23	18.82	23	31	42.0	Tr.	141	96	
338	6	48.92	3	0	23	40.15	22	10	46.3	Mer.	156	47	
	10	47.89	1			40.20			49.7	Mer.	115	11	
	9	48.67	3			40.28			50.1	Tr.	189	42	
	8	48.92	4			40.33			47.2 [11]	Mu.	212	44	[11] Decl. changed one rev. north.
339	9	47.80	1	0	23	50.03	24	1	22.5	Tr.	141	97	
340	8.9	46.77	2	0	23	59. . . [12]	25	54	53.4	Mu.	70	7	[12] Separate threads give $60^s.07$, $58^s.92$.
	9	47.68	2			59.25 [13]			48.1 [14]	Tr.	129	77	[13] First two threads assumed to belong to Tr. 129, No. 78.
	9.10	46.72	4			59.35			57.9	Mer.	66	138	
	8.9	47.96	4			59.36 [15]			53.9	Mu.	149	17	[14] Decl. changed one wire interval south.
341	5	46.80	6	0	24	1.17	44	26	0.7 [16]	Mer.	77	53	[15] One thread decreased 10 sec.
342	9	47.71	2	0	24	5.45	26	50	57.9	Tr.	135	25	[16] Decl. changed five rev. south.
343	9	47.80	1	0	24	7.98 [17]	23	46	38.7	Tr.	141	98	[17] R. A. decreased one thread interval.
344	9	46.80	2	0	24	19. . . [18]	31	14	19.6	Mu.	75	25	[18] Separate threads give $20^s.52$, $19^s.52$.
345	9	47.79	1	0	24	21.28	28	39	30.9	Tr.	138	96	
346	11	46.77	2	0	24	23.80	26	32	23.5	Tr.	90	12	
	10	47.68	5			24.11			23.7	Mer.	106	8	
347	9	48.81	3	0	24	31.72	19	2	60.1	Tr.	209	13	
	9	48.76	2			31.76			53.4	Mer.	151	44	
	9	48.67	3			31.91			61.7 [19]	Mer.	147	44	[19] Decl. changed one rev. south.
348	8	47.96	2	0	24	51.37	25	28	32.8	Mu.	149	18	
	7	46.73	4			51.54			33.9	Mer.	68	165	
349	7	46.79	2	0	25	0. . . [20]	32	53	....	Tr.	93	9	[20] Separate threads give $0^s.42$, $1^s.29$.
350	9	48.76	2	0	25	2.23	18	56	17.1	Mer.	151	45	
	9	48.81	3			2.19			15.6	Tr.	209	14	
351	9	46.70	6	0	25	6.59	29	34	39.4	Mer.	58	89	
	8	47.71	3			6.81			37.6	Mer.	204	179	
352	11	46.80	1	0	25	6.69	39	6	23.2	Tr.	97	8	
353	10	48.67	1	0	25	9.69	19	31	6.2	Mer.	147	45	
354	9	46.73	2	0	25	10. . . [21]	28	48	38.9	Mu.	63	74	[21] Separate threads give $10^s.23$, $11^s.68$.
355	11	48.67	2	0	25	10.50	20	38	21.1	Mu.	202	30	
	11	48.67	3			11.30			16.1	Tr.	191	35	
356	7	46.77	5	0	25	10.64	26	11	10.7	Mu.	70	8	
	7.8	46.72	2			10.84			9.5	Mer.	66	139	
357	9	46.73	3	0	25	16.86	25	8	17.2	Mer.	70	94	
358	9	46.78	3	0	25	16.86	36	15	12.7	Mu.	71	27	
359	9	46.78	2	0	25	25.09	40	9	12.0	Mer.	74	28	
360	9.10	46.73	3	0	25	26.78	25	25	49.4	Mer.	68	166	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
361	9	46.92	1	0	25	28.60	35	0	0.5	Mu.	83	9	
362	9	47.71	2	0	25	36.60	26	36	22.9	Tr.	135	26	
363	9	47.79	2	0	25	37.47	29	53	58.5	Tr.	140	23	
364	10	47.89	2	0	25	46. . .[1]	22	40	47.3	Mer.	115	12	[1] R. A. decreased 2 min. Separate threads give $46^{s}.74$, $45^{s}.80$.
	9	48.92	4			46.15			49.4	Mu.	212	45	
365	8	47.71	1	0	25	46.00	29	12	18.0	Mer.	204	180	
366	10	48.67	1	0	25	47.45	20	19	28.8	Mu.	202	31	
	9	48.67	1			47.50			32.8	Mu.	200	25	
367	8.9	46.71	3	0	26	5.53	41	33	14.8	Mer.	64	56	
368	9	48.81	2	0	26	8.24	18	56	32.3	Tr.	209	15	
	10	48.76	3			8.39			35.2	Mer.	151	46	
369	7	47.71	3	0	26	8.41	26	55	11.1	Tr.	135	27	
	7	46.77	4			8.56			10.6	Tr.	90	13	
370	8	47.71	1	0	26	9.79	29	9	33.1	Mer.	204	181	
371	8.9	46.78	1	0	26	14.67	35	59	44.2	Mu.	71	28	
372	6	47.79	3	0	26	15.32	30	23	7.3	Tr.	140	24	
	6	47.79	4			15.44			8.7	Mu.	139	98	
	4	46.73	5			15.47			5.4	Tr.	77	95	
	6	47.79	7			15.48			9.5	Mer.	206	96	
	6.7	46.82	5			15.53			8.2	Mu.	76	28	
373	8	46.89	2	0	26	17.41	39	30	47.0	Tr.	103	2	
	7	46.80	3			17.42			43.9	Tr.	97	9	
374	9	47.79	1	0	26	24.57	28	26	35.5	Tr.	138	97	
375	8	46.82	2	0	26	29.54	34	14	. . . .	Tr.	100	9	
376	9	46.78	3	0	26	33.33	40	4	23.8	Mer.	74	29	
377	10	47.70	3	0	26	35.07	31	8	52.6	Tr.	131	28	
	8	46.80	4			35.13[2]			54.7	Mu.	75	26	[2] One of five threads rejected; R. A. = $33^{s}.87$.
378	8	46.79	2	0	26	41.23	33	6	. . . .	Tr.	93	10	
379	10	48.78	2	0	26	59.06	18	19	29.0	Mu.	207	50	
380	7	46.89	7	0	27	2.11	43	15	33.8	Mer.	80	14	
381	10	48.91	3	0	27	3.17	27	34	59.0	Mu.	210	1	
382	9	46.82	3	0	27	3. . .[3]	29	41	12.4	Mu.	76	29	[3] Separate threads give $2^{s}.03$, $2^{s}.90$, $3^{s}.81$.
	8	47.71	1			3.31			16.6	Mer.	204	182	
	8.9	46.70	5			3.67			16.0	Mer.	58	90	
	7	46.77	2			3.78			14.3	Tr.	89	11	
383	10	48.91	1	0	27	34.21	27	34	16.4	Mu.	210	2	
	10	46.71	2			35.04			17.3	Mer.	62	109	
384	7	46.77	4	0	27	34.80	26	57	10.1	Tr.	90	14	
	7.8	47.71	2			34.85			11.8	Tr.	135	28	
385	9	46.71	5	0	27	41.17	41	0	8.8	Mer.	64	57	
386	9	48.67	2	0	27	46.27[4]	19	15	1.3	Mer.	147	47	[4] R. A. increased 1 min.
387	10	48.81	1	0	27	47.32	19	1	45.5	Tr.	209	16	
388	9	48.67	3	0	27	47.99	19	23	19.1	Mer.	147	46	
389	9	47.79	3	0	27	50.39	30	2	4.3	Tr.	140	25	
390	10	48.74	3	0	27	50.77	16	55	27.5	Tr.	197	37	
391	9	48.92	2	0	27	54.08	22	34	19.3	Mu.	212	46	
	9	47.89	2			54.30[5]			13.9	Mer.	115	13	[5] One of three threads rejected; R. A. = $53^{s}.52$.
392	8	47.96	4	0	27	56.88	25	41	29.6	Mu.	149	19	
	8	47.68	2			57.00[6]			28.3	Tr.	129	78	[6] First two threads recorded on Tr. 129, No. 77, assumed to belong to this star.
	8.9	46.72	2			57.18			30.0	Mer.	66	140	
393	9	47.68	7	0	28	5.36[7]	26	13	32.7	Mer.	106	9	[7] R. A. decreased 1 min.
	8	46.77	5			5.49			33.3	Mu.	70	9	
	8.9	46.72	3			5.54			33.7	Mer.	66	141	
394	8	46.71	1	0	28	11.09	27	41	2.6	Mer.	62	110	
	8	46.70	4			11.28			3.6	Mer.	60	159	
	9	48.91	2			11.45			0.0	Mu.	210	3	
	8.9	46.75	2			11.57[8]			3.1	Mu.	66	65	[8] One of three threads rejected; R. A. = $10^{s}.85$.
395	7	46.78	3	0	28	15.49	40	33	56.5	Mer.	74	30	
396	9	48.74	2	0	28	19.86	16	47	55.0	Tr.	197	38	
397	8	47.68	2	0	28	22.40	25	42	15.5	Tr.	129	79	
	8.9	46.72	2			22.42			19.9	Mer.	66	142	
	8	47.96	2			22.51			17.6	Mu.	149	20	
398	7	48.92	5	0	28	36.64	21	35	10.5	Mer.	156	48	
	7	48.67	3			36.73			9.3	Tr.	189	43	
399	6.7	47.80	3	0	28	38.70	23	40	1.9	Tr.	141	99	
	7	47.89	4			38.77			3.2	Mu.	148	14	
400	7	48.92	2	0	28	41.89	22	13	32.7	Mer.	156	49	
	10	47.89	1			42.24			31.8	Mer.	115	14	
	9	48.92	1			42.28			31.5	Mu.	212	47	
401	9	48.76	2	0	28	44.92	18	26	9.1	Mer.	151	47	
	9	48.78	2			45.04			11.2	Mu.	207	51	
402	8	46.75	2	0	28	45.64	27	35	10.8	Mu.	66	66	
	8	47.67	2			45.91			12.1	Tr.	127	61	
	8	46.71	1			46.04			13.6	Mer.	62	111	
	9	48.91	1			46.20			12.8	Mu.	210	4	
403	10	47.80	2	0	28	50.45	23	41	13.5	Tr.	141	100	
404	9	46.82	2	0	28	51.31[9]	34	43	. . . .	Tr.	100	10	[9] Separate threads give $51^{s}.63$, $50^{s}.99$.
	9	46.92	1			51.48			28.3	Mu.	83	10	
405	9	46.80	1	0	28	56.26	39	7	9.6	Tr.	97	10	
406	9	46.80	5	0	29	4.55	31	9	41.0[10]	Mu.	75	27	[10] Decl. changed twenty rev. north.
	9	47.70	2			4.91			37.7	Tr.	131	29	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
407	8.9	46.70	5	0	29	8.12	29	40	46.3	Mer.	58	91	
	7	47.79	1			8.21			44.2	Tr.	140	26	
	9	46.82	2			8.24[1]			44.5	Mu.	76	30	[1] R. A. increased two thread intervals.
	8	47.71	4			8.35			43.3	Mer.	204	183	
	8	46.77	2			8.53			43.6	Tr.	89	12	
408	9	48.76	2	0	29	11.99	18	37	20.6[2]	Mer.	151	48	[2] Observer recorded wire 7, 38.280 rev. Reduced for wire 6. If instead the micrometer reading be decreased ten rev., Decl. = 10″.9 AW gives 19″.
	8	48.81	2			12.09			10.4	Tr.	209	17	
409	8	47.80	3	0	29	14.68	28	6	6.4	Mu.	140	36	
	7	46.75	2			14.74			. . . .	Tr.	82	40	
	8	46.70	4			14.90			9.8	Mer.	60	160	
	8.9	47.79	2			15.34[3]			7.0	Tr.	138	98	[3] R. A. increased 1 min.
410	6	46.75	2	0	29	17.13	28	14	. . . .	Tr.	82	41	
	8	46.70	4			17.27			50.3	Mer.	60	161	
	8	47.80	2			17.42			46.6	Mu.	140	37	
	8	47.79	2			17.46[4]			44.7[5]	Tr.	138	99	[4] R. A. increased 1 min.
411	8	47.93	2	0	29	19.40[6]	25	19	30.0	Tr.	149	1	[5] Micrometer rev. assumed.
412	10	46.73	2	0	29	35.87	30	32	22.4	Tr.	77	96	[6] R. A. decreased 1 min.
	7.8	47.79	2			35.91[7]			24.2	Mu.	139	99	[7] One of three threads rejected; R. A. = $35^{s}.19$.
	7.8	47.79	7			36.09			17.8	Mer.	206	97	
413	5	47.96	5	0	29	37.67	25	35	35.6	Mu.	149	21	
	6.7	46.72	2			37.80			37.4	Mer.	66	143	
414	10	48.67	2	0	29	43.12[8]	20	32	29.2	Tr.	191	36	[8] R. A. decreased 4 min.
	10	48.67	1			43.17			31.5	Mu.	202	32	
415	9	47.80	1	0	29	44.53	24	5	56.8	Tr.	141	101	
416	8.9	48.67	3	0	29	52.61	20	23	28.6	Mu.	200	26	
	8	48.67	2			52.85			24.7	Mu.	202	33	
417	8	46.78	3	0	29	57.97	36	14	48.5	Mu.	71	29	
418	8	46.77	4	0	30	3.59	26	34	30.9	Tr.	90	15	
	8	47.71	3			3.66			32.5	Tr.	135	29	
	8	46.77	4			3.85			32.5	Mu.	70	11	
419	8	46.77	2	0	30	12. . .[9]	26	23	7.5	Mu.	70	10	[9] Separate threads give $13^{s}.19$, $12^{s}.08$.
	9	47.68	4			12.54			9.0[10]	Mer.	106	10	[10] Decl. changed one wire interval south.
420	9	47.80	2	0	30	16.48	23	48	0.9	Tr.	141	102	
421	9	47.80	1	0	30	34.52	24	0	19.3	Tr.	141	103	
422	9	46.73	1	0	30	37.06	30	20	14.0	Tr.	77	97	
	8	47.79	2			37.78			16.7[11]	Mer	206	98	[11] Decl. changed one wire interval north.
	8	47.79	2			37.99			17.6	Mu.	139	100	
	9	47.79	3			38.28			17.1	Tr.	140	27	
423	10	47.71	2	0	30	38.55[12]	29	35	18.0	Mer.	204	184	[12] One of three threads rejected; R. A. = $39^{s}.77$.
424	9	46.71	7	0	30	38.82	41	18	53.4	Mer.	64	58	
425	9	48.74	4	0	30	39.79	17	4	13.0	Tr.	197	39	
426	8	47.80	1	0	30	41.75	28	26	49.7	Mu.	140	38	
	8.9	47.79	3			41.85			53.6	Tr.	138	100	
	7	46.75	2			41.98			. . . .	Tr.	82	42	
	7	46.73	4			42.03			50.9	Mu.	63	75	
427	8	48.92	1	0	30	45.20	22	1	9.1	Mer.	156	50	
428	9	47.80	1	0	30	47.55	24	2	41.4	Tr.	141	104	
429	8.9	47.96	3	0	30	57.72	25	29	20.0	Mu.	149	22	
430	8	46.79	2	0	30	58.90	32	51	. . . .	Tr.	93	11	
431	9	48.67	2	0	31	7.44	20	34	3.0	Tr.	191	37	
432	9	46.82	2	0	31	8.88	34	17	. . . .	Tr.	100	11	
433	8	48.92	2	0	31	15.81	21	51	55.6	Mer.	156	51	
	9	48.67	2			16.03			51.7[13]	Tr.	189	44	[13] Decl. changed one rev. south.
434	10	48.67	2	0	31	17.25	19	18	40.4[14]	Mer.	147	48	[14] Decl. changed one rev. north.
435	9	47.79	1	0	31	19.17	27	59	50.7	Tr.	138	101	
436	6.7	47.96	1	0	31	21.10	25	55	55.9	Mu.	149	23	
	5	47.68	3			21.10			56.3	Tr.	129	80	
	7.8	46.72	3			21.59			54.5	Mer.	66	144	
437	9	46.77	. .	0	31	24. . .	26	25	29.9	Mu.	70	13	
438	9	46.71	7	0	31	24.59	41	17	55.6	Mer.	64	59	
439	8	46.77	2	0	31	27.13	26	25	14.3	Mu.	70	12	
440	8	46.78	2	0	31	34.04	36	46	. . . .	Tr.	92	1	
441	9	48.67	3	0	31	41.11	20	54	46.8	Mu.	202	34	
	9	48.67	3			41.21			. . . .	Mu.	200	27	
442	7	46.80	7	0	31	41.94	44	7	17.5	Mer.	77	54	
443	10	48.91	1	0	31	48.31	27	14	52.4	Mu.	210	5	
444	9	47.79	1	0	31	48.85	28	1	20.0	Tr.	138	102	
445	9	46.77	3	0	31	58.96	26	48	43.6	Tr.	90	16	
	8.9	47.71	2			59.07			41.7	Tr.	135	30	
446	10	47.93	2	0	31	59. . .[15]	25	21	0.7	Tr.	149	2	[15] Separate threads give $60^{s}.02$, $59^{s}.14$.
447	9	47.79	3	0	32	7.16	29	54	4.8[16]	Tr.	140	28	[16] If Decl. be changed one rev. south to agree with CPD; Decl. = 35″ 0.
448	9	46.73	4	0	32	9.84	30	38	40.7	Tr.	77	98	
	7	47.79	3			9.89			40.0	Mer.	206	99	
449	9.10	48.92	2	0	32	11.25	22	24	13.7	Mu.	212	48	
	10	47.89	1			11.31			13.6	Mer.	115	15	
450	10	48.74	2	0	32	15.57	17	9	5.3	Tr.	197	40	
451	9	46.72	3	0	32	24.95	25	51	10.2	Mer.	66	145	
	10	47.68	1			25.06			12.1	Tr.	129	81	
452	10	46.77	1	0	32	28.94	26	48	57.8	Tr.	90	17	
	9	47.71	1			28.98[17]			56.3	Tr.	135	31	[17] R. A. decreased one thread interval.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
453	9.10	46.71	6	0	32	31.16	27	30	25.0	Mer.	62	112	
	9	48.91	2			31.35			25.8	Mu.	210	6	
454	6	46.82	2	0	32	34. . .[1]	34	46	. . . .	Tr.	100	12	[1] Separate threads give $34^{s}.07$, $33^{s}.29$.
	6	46.92	4			34.71			52.9	Mu.	83	11	
455	9	47.80	1	0	32	38.08	23	39	38.1[2]	Tr.	141	105	[2] Decl. changed two wire intervals and two rev. north.
456	9	48.78	2	0	32	40.78[3]	18	25	2.9	Mu.	207	52	
457	8	47.71	1	0	32	43.66	26	52	29.8	Tr.	135	32	[3] Separate threads give $41^{s}.13$, $40^{s}.43$.
	8	46.77	1			43.72			27.4	Tr.	90	18	
458	7.8	46.89	3	0	32	47.12	39	46	15.6	Tr.	103	3	
459	8	48.92	1	0	32	57.08	21	48	56.2	Mer.	156	52	
460	8	46.75	2	0	33	7.61	28	5	. . . .	Tr.	82	43	
	8.9	47.79	2			7.80			35.8[4]	Tr.	138	103	[4] Decl. changed one wire interval north.
	8.9	47.80	2			8.24			34.5	Mu.	140	39	
461	10	48.81	3	0	33	8.09	18	42	37.1	Tr.	209	18	
	9	48.76	4			8.53			39.6	Mer.	151	49	
462	9	46.73	2	0	33	8.50	30	41	49.8	Tr.	77	99	
	8	47.79	3			8.59			49.5	Mer.	206	100	
463	8	46.77	7	0	33	9.69	31	58	34.8	Tr.	87	41	
464	6.7	47.79	3	0	33	10.51	30	14	45.0	Tr.	140	29	
	7.8	46.82	5			10.55			43.4	Mu.	76	31	
465	8.7	47.79	2	0	33	23. . .[5]	28	11	54.9[6]	Tr.	138	104	[5] Separate threads give $24^{s}.09$, $23^{s}.28$.
	7	46.75	2			23.43			. . . .	Tr.	82	44	[6] Decl. changed one wire interval north.
	8.9	47.80	2			23.67			52.5	Mu.	140	40	
466	10	47.89	2	0	33	36.17	23	58	22.1	Mu.	148	15	
	9	47.80	2			37.11[7]			22.7	Tr.	141	106	[7] R. A. decreased one thread interval.
467	8	47.79	1	0	33	42.60[8]	30	20	48.0	Mer.	206	101	[8] R. A. increased 4 min.
468	10	48.91	1	0	33	46.05	27	39	47.5	Mu.	210	7	
469	7.8	46.72	3	0	34	9.37	26	1	8.6	Mer.	66	146	
	7	46.77	5			9.52			7.4	Mu.	70	14	
	9	47.68	6			9.56			10.3	Mer.	106	11	
	7	47.96	3			9.59			7.6	Mu.	149	24	
470	10	47.79	1	0	34	16.33	28	4	1.7	Tr.	138	105	
471	9	46.72	3	0	34	17.02	25	35	4.6	Mer.	66	147	
	8	47.96	2			17.26			2.6	Mu.	149	25	
	9	47.68	3			17.38			1.1	Tr.	129	82	
472	10	46.77	1	0	34	26.72	26	28	50.5	Tr.	90	19	
473	10	48.81	2	0	34	37.14	18	33	50.1	Tr.	209	19	
474	9	47.80	2	0	34	45.70	23	48	53.7	Tr.	141	107	
475	9	47.80	2	0	34	56.21	24	6	25.5	Tr.	141	108	
476	9	46.77	1	0	35	0.59	31	37	45.4	Tr.	87	42	
477	10	48.67	2	0	35	10.78[9]	20	27	12.9	Mu.	202	35	[9] One thread decreased one thread interval.
478	10	48.67	2	0	35	11.59[10]	19	26	12.9	Mer.	147	49	[10] Separate threads give $11^{s}.21$, $11^{s}.96$.
479	7	48.67	5	0	35	12.27	21	0	59.1	Mu.	200	28	
480	10	48.74	2	0	35	17.01	16	57	0.0	Tr.	197	41	
481	7	46.78	2	0	35	21.54	36	50	. . . .	Tr.	92	2	
482	10	47.89	3	0	35	23.08	22	28	54.4	Mer.	115	16	
	8.9	48.92	4			23.21[11]			52.5	Mu.	212	49	[11] One thread decreased one thread interval.
483	10	48.74	1	0	35	26.37	16	52	25.2	Tr.	197	42	
484	9	47.80	1	0	35	28.74	23	26	44.6[12]	Tr.	141	109	[12] Decl. changed one wire interval north.
485	9	47.79	2	0	35	29.15	28	32	18.3	Tr.	138	106	
486	7	46.89	4	0	35	29.45	39	17	8.0	Tr.	103	4	
487	9	48.91	2	0	35	33.56[13]	27	27	8.2	Mu.	210	8	[13] One of three threads rejected; R. A.$=34^{s}.55$.
488	8.9	48.92	3	0	35	40.07[14]	22	31	46.1	Mu.	212	50	[14] Two threads decreased one thread interval each.
	10	47.89	1			40.21[15]			35.2	Mer.	115	17	
489	9.10	46.98	2	0	35	57. . .[16]	33	45	59.6	Mu.	85	9	[15] R. A. decreased one thread interval.
490	8	46.77	3	0	36	1.31	26	44	45.4	Tr.	90	20	[16] Separate threads give $56^{s}.73$, $57^{s}.86$.
	8	47.71	2			1.36			47.1	Tr.	135	33	
491	10	47.89	2	0	36	2.38	23	27	31.7	Mu.	148	16	
	8.9	47.80	2			2.43			30.0[17]	Tr.	141	110	[17] Decl. changed one wire interval north.
492	3.4	48.76	3	0	36	3.18[18]	18	48	37.1	Mer.	151	50	[18] Two threads increased one thread interval each.
	3.4	48.81	4			3.41			36.1	Tr.	209	20	
493	8	48.92	4	0	36	19.93	21	53	36.2	Mer.	156	53	
494	10	47.70	2	0	36	20.28	31	15	37.6[19]	Tr.	131	30	[19] Decl. changed one wire interval south.
495	9	48.92	2	0	36	29.78	21	54	7.1	Mer.	156	54	
496	9	47.96	4	0	36	34.64	25	41	37.1	Mu.	149	26	
	9	47.68	3			34.65			34.9	Tr.	129	83	
	9	46.72	2			34.70			41.1	Mer.	66	148	
497	11	47.70	3	0	36	49.12	31	14	8.2	Tr.	131	31	
498	9	48.92	2	0	36	50.11	22	53	46.7	Mu.	212	51	
499	9	47.80	2	0	36	50.33	23	53	16.5	Tr.	141	111	
500	10	46.72	2	0	36	55.87	25	34	20.8	Mer.	66	149	
501	6	46.89	3	0	36	56.34	39	14	53.7	Tr.	103	5	
502	8	47.79	4	0	36	59.96	30	56	6.5	Mer.	206	102	
503	8.9	46.71	5	0	36	59.91	27	20	40.8	Mer.	62	113	
	7	47.67	2			60.05			36.2	Tr.	127	62	
	8.9	48.91	4			60.27			39.4	Mu.	210	9	
504	10	46.82	2	0	37	13.05	34	28	. . . .	Tr.	100	13	
505	4	47.89	3	0	37	18.55[20]	22	49	51.6	Mer.	115	18	[20] R. A. decreased 1 min. and one thread interval.
	4	48.92	3			18.64			49.6	Mu.	212	52	
506	10	48.78	1	0	37	19.53	18	16	29.2	Mu.	207	54	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
507	7	46.77	3	0	37	26.64	32	12	40.4	Tr.	87	43	
508	9	48.78	1	0	37	27.57	18	3	23.7	Mu.	207	53	
509	9	47.80	2	0	37	32.14	23	40	49.1	Tr.	141	112	
510	9	47.79	2	0	37	39.50	28	40	35.9	Tr.	138	107	
511	9	47.79	1	0	37	48.92	28	35	23.0	Tr.	138	108	
512	9.10	47.80	3	0	37	51.14	27	57	16.5	Mu.	140	41	
513	5	46.82	7	0	37	51.21	43	29	43.4	Mer.	79	1	
514	10	48.81	2	0	38	10.23	18	42	46.9	Tr.	209	21	
515	8	48.92	4	0	38	10.34	21	43	51.1[1]	Mer.	156	55	[1] Decl. changed one rev. north.
516	5.6	48.74	3	0	38	11.55	17	14	47.9	Tr.	197	43	
517	9	47.79	1	0	38	13.46	28	42	9.1	Tr.	138	109	
518	9.10	47.79	1	0	38	33.44	28	33	15.8	Tr.	138	110	
519	10	47.93	3	0	38	34.27	24	58	32.7[2]	Tr.	149	3	[2] Decl. changed two wire intervals north. AW gives 50″.
520	9	46.72	3	0	38	38.96	26	12	6.9	Mer.	66	150	
	8	46.77	4			39.21			5.2	Mu.	70	15	
	9	47.68	6			39.23			4.8	Mer.	106	12	
521	8.9	46.77	2	0	38	52.25	26	21	26.2	Mu.	70	16	
522	10	48.78	1	0	38	52.61	18	1	49.0	Mu.	207	55	
523	10	48.67	2	0	38	53.46[3]	20	54	58.7	Mu.	202	36	[3] Separate threads give $53^{\mathrm{s}}.82$, $53^{\mathrm{s}}.10$.
524	10	48.81	2	0	39	10. . .[4]	19	0	30.1	Tr.	209	22	[4] Separate threads give $10^{\mathrm{s}}.90$, $7^{\mathrm{s}}.67$.
525	9	46.73	2	0	39	11.76	29	22	. . . .	Tr.	80	1	
526	9.10	46.98	4	0	39	13.47	33	57	55.6	Mu.	85	10	
527	9	47.79	1	0	39	16.24	30	9	2.2	Tr.	140	30	
528	7	46.73	5	0	39	18.72	31	0	42.5	Tr.	77	100	
	7	47.79	6			18.84			42.1	Mer.	206	103	
	5	47.70	2			18.85			39.3	Tr.	131	32	
529	8	46.78	2	0	39	25.51	36	51	. . . .	Tr.	92	3	
530	10	46.79	2	0	39	30.08	33	3	. . . .	Tr.	93	12	
531	10	48.67	4	0	39	31.36[5]	19	43	52.8	Mer.	147	50	[5] R. A. decreased 1 min.
532	9	47.80	3	0	39	35.20	23	34	36.0	Tr.	141	113	
533	6	47.93	2	0	39	35.69	25	2	5.6	Tr.	149	4	
534	8	48.92	3	0	39	44.50	21	41	25.0	Mer.	156	56	
535	9	47.79	1	0	39	48.06	29	57	13.0	Tr.	140	31	
536	9	48.67	1	0	39	52.21	20	46	54.5	Mu.	202	37	
537	9	46.72	2	0	39	57.61	26	12	5.3	Mer.	66	151	
538	9	47.80	1	0	40	1.90	23	56	1.2	Tr.	141	114	
539	8	46.77	4	0	40	11.67	31	56	31.1	Tr.	87	44	
540	9.10	46.72	2	0	40	12.02	26	12	53.4	Mer.	66	152	
	9	46.77	3			12.32[6]			54.7	Mu.	70	17	[6] R. A. increased 1 min. One thread decreased 20 sec., another decreased 10 sec.
	9	47.68	3			12.36			56.7	Mer.	106	13	
541	6.7	48.81	4	0	40	14.58	18	52	54.5	Tr.	209	23	
542	10	47.67	2	0	40	18. . .[7]	27	47	42.3	Tr.	127	63	[7] Separate threads give $17^{\mathrm{s}}.50$, $18^{\mathrm{s}}.40$.
	10	46.71	5			19.61			47.0	Mer.	62	114	
	9	48.91	5			19.74			45.3	Mu.	210	10	
543	10	46.79	2	0	40	23.25	33	16	. . . .	Tr.	93	13	
544	7	46.77	2	0	40	23.70	32	10	24.0	Tr.	87	45	
545	6.7	48.92	3	0	40	35.31	22	32	31.1	Mu.	212	53	
	5	47.89	3			35.34			30.6	Mer.	115	19	
546	8	47.79	2	0	40	36.84	30	9	55.8	Tr.	140	32	
	8	46.82	4			37.14			51.9	Mu.	76	32	
547	9.10	47.96	3	0	40	39.11	25	53	48.9	Mu.	149	27	
	10	47.68	4			39.12			50.7	Tr.	129	84	
548	11	46.82	1	0	40	39.13	34	17	. . . .[8]	Tr.	100	14	[8] Decl. changed one rev. south.
549	9	46.79	2	0	40	42.04	33	9	. . . .	Tr.	93	14	
550	9	47.71	2	0	40	51.30	27	11	18.6	Tr.	135	34	
	9	46.77	2			51.42			20.9	Tr.	90	21	
551	7	46.77	2	0	41	9.85	27	11	28.7	Tr.	90	22	
	8	46.71	3			9.95			27.0	Mer.	62	115	
	8.9	48.91	2			10.01[9]			22.9	Mu.	210	11	[9] Separate threads give $9^{\mathrm{s}}.63$, $10^{\mathrm{s}}.40$.
	7.8	47.71	3			10.05			25.7	Tr.	135	35	
552	9	48.67	3	0	41	13.98	19	21	42.3[10]	Mer.	147	51	[10] Decl. changed two rev. north.
553	8	48.78	4	0	41	15.20	18	21	56.1	Mu.	207	56	
554	6	46.73	2	0	41	20.80	29	18	. . . .	Tr.	80	2	
	7	47.71	2			21.05			43.6	Mer.	204	185	
555	8	47.93	1	0	41	21.91[11]	24	57	39.2	Tr.	149	5	[11] R. A. increased 1 min.
556	9	47.80	2	0	41	24.96	23	53	10.0	Tr.	141	115	
557	10	48.74	1	0	41	32.54	17	12	37.4	Tr.	197	44	
558	9.10	47.96	2	0	41	36.54	25	23	18.3	Mu.	149	28	
559	5	48.92	4	0	41	41.06	21	58	5.7	Mer.	156	57	
560	7	46.78	2	0	41	49.49	37	4	. . . .	Tr.	92	4	
561	5	47.93	3	0	41	50.09	24	57	13.2	Tr.	149	6	
562	8.9	46.92	2	0	41	51.84	34	38	46.8	Mu.	83	12	
	9	46.82	2			52.16			. . . .	Tr.	100	15	
563	9.10	48.92	2	0	41	52.53	22	12	58.5	Mu.	212	54	
	7	48.92	1			52.89			55.4	Mer.	156	58	
564	8	47.80	2	0	41	57.45[12]	24	2	9.9	Tr.	141	116	[12] One of three threads rejected; R. A.=$69^{\mathrm{s}}.19$.
	8	47.89	3			57.76			11.8	Mu.	148	17	
565	9	47.80	2	0	41	58.00	24	8	54.8	Tr.	141	117	
	9	47.89	2			58.06			53.1[13]	Mu.	148	18	[13] Decl. changed one rev. north.
566	10	46.72	2	0	41	59.33	26	15	32.1[14]	Mer.	66	153	[14] Decl. changed four revs. south.
	9	47.72	2			59.47			28.7	Tr.	136	95	
	9	47.68	3			59.66[15]			34.7	Mer.	106	14	[15] R. A. increased 1 min.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
567	7	46.82	6	0	41	59.35	43	22	53.6	Mer.	79	2	
568	8	46.75	2	0	42	2.72	28	25	....	Tr.	82	45	
	9	47.79	3			2.83			25.2	Tr.	138	111	
	9	47.80	3			2.96			23.3	Mu.	140	42	
569	7	47.89	1	0	42	9.95	24	10	49.1	Mu.	148	19	
	9	47.80	1			10.06			52.5	Tr.	141	118	
570	8	48.92	1	0	42	17.43	21	56	51.8	Mer.	156	59	
571	10	48.74	2	0	42	29.02	16	59	5.6	Tr.	197	45	
572	8.9	47.89	3	0	42	31.53	22	55	13.7	Mer.	115	20	
	8.9	48.92	1			31.62			15.0	Mu.	212	55	
573	9	47.79	1	0	42	50.06	29	49	18.1	Tr.	140	33	
574	9	47.79	2	0	42	59.77	28	15	25.0	Tr.	138	112	
575	4.5	46.80	3	0	43	1.41	44	12	45.8	Mer.	77	55	
576	10	48.67	2	0	43	12.96	19	19	19.9	Mer.	147	52	
577	9	47.79	2	0	43	16.54	28	15	7.9	Tr.	138	113	
	9	46.75	2			16.84			....	Tr.	82	46	
578	10	48.74	1	0	43	34.17[1]	16	57	24.7	Tr.	197	46	[1] "Minute doubtful."
579	9	47.80	1	0	43	44.97	23	36	30.9	Tr.	141	119	
580	9.10	48.92	2	0	43	54.54[2]	22	16	26.9	Mu.	212	56	[2] "Doubt of 1 sec. in time of transit."
581	9	47.79	5	0	43	59.06	30	30	24.5	Mer.	206	104	
582	8	46.92	4	0	44	2.16	34	54	10.0	Mu.	83	13	
583	10	48.67	2	0	44	3.84	19	19	30.3[3]	Mer.	147	53	[3] Decl. changed two wire intervals north and one rev. south.
584	8.9	47.80	2	0	44	4.22	23	42	57.1	Tr.	141	120	
585	6	46.89	4	0	44	14.32	39	20	43.3	Tr.	103	6	
586	9.10	46.77	2	0	44	20.64	31	48	6.4	Tr.	87	46	
587	9	47.68	2	0	44	28.75[4]	26	0	32.9[5]	Mer.	106	15	[4] One of three threads rejected; R. A. = $29^{s}.51$.
	10	46.72	4			29.12			35.7	Mer.	66	154	[5] Decl. changed one wire interval north.
588	8	46.73	2	0	44	29.54	29	28	....	Tr.	80	3	
	8	47.71	2			29.71[6]			4.0	Mer.	204	186	[6] One of three threads rejected; R. A. = $28^{s}.98$.
589	9.10	46.77	2	0	44	38.79	31	46	32.5[7]	Tr.	87	47	[7] Decl. changed one rev. north.
590	9	47.79	3	0	44	39.42	28	26	20.5	Tr.	138	114	
	9	46.75	2			39.51			....	Tr.	82	47	
	9.10	47.80	2			39.66			26.1	Mu.	140	43	
591	8.9	47.89	2	0	44	50.92	23	25	32.6	Mu.	148	20	
	6.7	47.80	1			51.03			32.6	Tr.	141	121	
592	5	46.80	4	0	44	51.51	44	31	33.7	Mer.	77	56	
593	7	46.82	5	0	44	54.86	43	27	32.1[8]	Mer.	79	3	[8] Decl. changed one wire interval north.
594	8	46.78	2	0	44	55.67	36	33	....	Tr.	92	5	
	9	46.89	1			55.84			52.8	Mu.	80	1	
595	8	47.67	1	0	44	58.20	27	12	52.4	Tr.	127	64	
	9	46.71	5			58.42			52.5	Mer.	62	116	
	7.8	47.71	3			58.57			53.3	Tr.	135	36	
	9	48.91	5			58.63			52.0	Mu.	210	12	
	7.8	46.77	3			58.66			56.0	Tr.	90	23	
596	8	48.67	2	0	45	6.13[9]	20	42	35.9	Mu.	202	38	[9] Separate threads give $6^{s}.49$, $5^{s}.77$.
	9	48.67	2			6.36			35.5	Mu.	200	29	
597	7	48.92	1	0	45	15.81	22	15	7.7	Mu.	212	57	
	8.9	47.89	3			16.57			8.8[10]	Mer.	115	21	[10] Decl. changed one rev. south.
598	5	47.93	2	0	45	18.49	24	49	26.9	Tr.	149	7	
599	10	48.67	3	0	45	20.15	19	23	21.5	Mer.	147	54	
600	9	47.79	1	0	45	32.20	28	14	40.2	Tr.	138	115	
601	6	47.70	3	0	45	38.22	31	10	30.8	Tr.	131	33	
602	8	48.81	3	0	45	41.00	18	28	5.9	Tr.	209	24	
	8	48.78	3			41.20			5.0	Mu.	207	57	
603	7	47.68	4	0	45	50.55	25	35	40.5	Tr.	129	85	
	7	47.96	3			50.79[11]			41.0	Mu.	149	29	[11] One of four threads rejected; R. A. = $49^{s}.59$.
	6.7	46.72	2			50.80			42.4	Mer.	66	155	
604	9	47.80	2	0	45	56.48	23	45	32.2	Tr.	141	122	
605	9.10	46.89	3	0	46	6.81	39	31	55.9	Tr.	103	7	
606	9	47.93	2	0	46	12.54	24	50	19.8	Tr.	149	8	
607	9	47.71	2	0	46	20.20	27	16	14.8	Tr.	135	37	
	9.10	48.91	3			20.31			7.7	Mu.	210	13	
608	10	47.79	1	0	46	21.63	29	46	29.5	Tr.	140	34	
609	9	48.92	1	0	46	31.47	22	6	16.9	Mu.	212	58	
610	8	46.73	2	0	46	32.53	29	21	....	Tr.	80	4	
	8	47.71	3			32.73			35.0	Mer.	204	187	
611	12	47.70	1	0	46	32.70	30	59	32.0	Tr.	131	34	
	10	46.73	2			32.86			29.3	Tr.	77	101	
612	9	47.68	2	0	46	38.16	25	51	24.5	Tr.	129	86	
	9.10	46.72	2			38.34			23.8	Mer.	66	156	
	9	47.96	4			38.40			24.0	Mu.	149	30	
613	9	48.74	3	0	46	38.69	16	59	24.1	Tr.	197	47	
614	8	47.71	2	0	46	38...[12]	29	37	7.4	Mer.	204	188	[12] Separate threads give $38^{s}.74$, $37^{s}.88$.
	9	46.73	2			38.85			....	Tr.	80	5	
615	8	46.77	2	0	46	39.20[13]	25	51	26.6	Mu.	70	18	[13] R. A. increased 10 sec.
	9	47.96	3			39.30			30.7	Mu.	149	31	
616	10	48.81	3	0	46	41.41	18	50	33.6	Tr.	209	25	
617	8	46.79	2	0	46	50.83	33	8	....	Tr.	93	15	
618	9	47.80	2	0	46	51.25	23	41	59.2	Tr.	141	123	
619	8.9	48.92	2	0	47	16...[14]	22	17	13.6	Mu.	212	59	[14] Separate threads give $15^{s}.47$, $16^{s}.39$.
	10	47.89	4			16.05			15.4	Mer.	115	22	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
620	10	47.93	2	0	47	22.32	24	44	8.4	Tr.	149	9	
621	9	47.80	1	0	47	26.64 [1]	23	47	17.7	Tr.	141	124	[1] R. A. decreased 10 sec.
622	9	46.82	2	0	47	27.43	34	46	....	Tr.	100	16	
	8.9	46.92	3			28.03			19.5	Mu.	83	14	
623	8	48.78	1	0	47	39.12	18	15	25.0	Mu.	207	58	
624	9	47.80	1	0	47	42.32	23	48	0.7	Tr.	141	125	
625	7	48.78	2	0	47	46.01	17	46	39.9	Mu.	207	59	
626	9.10	46.98	1	0	47	46.28	33	25	11.3	Mu.	85	11 [2]	[2] Unidentified. Looked for with equatorial but not found.
627	8	47.72	2	0	47	55.01	26	25	15.9	Tr.	136	96	
	..	47.68	3			55.06 [3]			....	Mer.	106	16	[3] Minute assumed.
628	8	48.92	2	0	47	56.50	22	44	46.6	Mu.	212	60	
	8	47.93	4			57.04			43.3	Mer.	116	10	
629	7.8	47.96	2	0	48	2.12	25	28	26.3	Mu.	149	32	
630	10	48.74	3	0	48	22.66	17	10	46.8	Tr.	197	48	
631	9	47.71	4	0	48	24.06	26	47	43.4	Tr.	135	38	
	8.9	46.77	4			24.15			39.6	Tr.	90	24	
632	8.9	48.67	3	0	48	24.13 [4]	19	20	44.6	Mer.	147	55	[4] R. A. increased 1 min.
633	9	48.67	2	0	48	28.16	19	34	39.9	Mer.	147	56	
634	6	47.80	5	0	48	38.45	28	35	22.5	Mu.	140	44	
	6.7	47.79	4			38.62			19.5	Tr.	138	116	
	5	46.75	2			38.74			....	Tr.	82	48	
635	8.9	47.71	2	0	48	47.49 [5]	27	9	45.7	Tr.	135	39	[5] Separate threads give $47^{s}.88$, $47^{s}.10$.
	9	46.77	2			47.50			46.5	Tr.	90	25	
	9	46.71	2			47.73			38.3	Mer.	62	117	
	9	48.91	2			47.99 [6]			40.7	Mu.	210	14	[6] One of three threads rejected; R. A.=$47^{s}.22$.
636	9	47.68	1	0	48	59.39	26	21	58.7	Mer.	106	17	
	8	47.72	2			59.83			57.4	Tr.	136	97	
	8	46.77	2			59.96			59.4 [7]	Mu.	70	19	[7] Decl. changed one rev. north.
637	9	48.67	3	0	49	5.77	20	15	30.2	Mu.	200	30	
	8	48.67	2			5.78			26.4	Mu.	202	39	
638	8	47.72	2	0	49	29.47	26	10	36.0	Tr.	136	98	
	7.8	46.72	6			29.83			35.9	Mer.	66	157	
	7	46.77	2			29.97			34.8	Mu.	70	20	
639	10	47.79	2	0	49	40.79 [8]	30	34	28.1 [9]	Mer.	206	105	[8] "Very faint." One of three threads rejected; R. A.=$40^{s}.05$.
640	10	46.89	1	0	49	40.81 [10]	39	44	43.2	Tr.	103	8	
641	9	48.74	3	0	49	49.79	16	49	8.4	Tr.	197	49	[9] Decl. changed one rev. north.
642	8.9	46.92	1	0	49	55.96	34	40	55.8	Mu.	83	15	[10] R. A. decreased 10 sec.
	10	46.82	2			56.85			....	Tr.	100	17	
643	8	46.78	2	0	50	6.35	37	14	....	Tr.	92	6	
644	9	47.70	3	0	50	27.72	31	18	0.1	Tr.	131	35	
645	9	47.79	1	0	50	39.31	30	20	20.9	Mer.	206	106	
646	10	47.89	3	0	50	39.30	23	24	23.0	Mu.	148	21	
	8.9	47.80	3			39.59			25.8	Tr.	141	126	
647	9	48.74	1	0	50	41.16	16	29	46.9	Tr.	197	50 [11]	[11] "Double." Component not stated, probably south star.
648	9	47.68	2	0	50	54.18	26	41	21.1	Mer.	106	18	
	7	46.77	3			54.40			18.1	Tr.	90	26	
	8	46.77	3			54.47			19.9	Mu.	70	21	
	7.8	47.71	2			54.53			20.3	Tr.	135	40	
649	7	46.75	2	0	51	0.10	27	54	....	Tr.	82	49	
	8	47.80	4			0.28			12.6	Mu.	140	45	
	9	48.91	3			0.67			13.0	Mu.	210	15	
650	10	48.81	2	0	51	16.59	18	48	52.9	Tr.	209	26	
651	6	48.67	3	0	51	19.78	20	26	33.8 [12]	Mu.	202	40	[12] Decl. changed one rev. south.
	7.8	48.67	2			19.86			35.6	Mu.	200	31	
652	6	46.82	6	0	51	22.38	30	10	8.7	Mu.	76	33	
653	10	48.91	2	0	51	22.65	27	37	34.3 [13]	Mu.	210	16	[13] Decl. changed ten rev. south.
654	8	48.78	2	0	51	24.59 [14]	18	17	44.9	Mu.	207	60	[14] Separate threads give $24^{s}.94$, $24^{s}.24$.
655	10	48.67	2	0	51	26.24	19	19	37.6	Mer.	147	57	
656	9.10	47.96	2	0	51	49.51	25	45	52.7	Mu.	149	33	
	11	47.68	3			50.12			54.7 [15]	Tr.	129	87	[15] Decl. changed one rev. north.
657	7	46.92	2	0	52	18.28	35	26	54.3	Mu.	83	16	
658	9	47.93	2	0	52	31.83	25	21	38.3 [16]	Tr.	149	10	[16] Horizontal wire assumed as 10 instead of 1.
	9	47.96	2			32.02 [17]			45.5	Mu.	149	34	[17] One thread increased 10 sec.
659	9	48.81	1	0	52	32.90	18	52	21.4	Tr.	209	27	
660	8	46.77	2	0	52	33.10	26	40	26.3	Tr.	90	27	
	8	46.77	2			33.15			28.2	Mu.	70	22	
	8	47.71	3			33.20			26.8	Tr.	135	41	
661	6	46.77	2	0	52	33.31	32	8	45.4	Tr.	87	48	
662	9	47.72	2	0	52	34.44 [18]	26	23	54.7	Tr.	136	99	[18] R. A. increased 1 min.
663	9	47.72	1	0	52	56.96 [19]	26	25	29.2	Tr.	136	100	[19] R. A. increased 1 min.
664	8	48.78	3	0	53	7.. [20]	17	53	11.7	Mu.	207	61	[20] Separate threads give $6^{s}.58$, $7^{s}.36$, $5^{s}.89$. If second thread be decreased 1 sec.; R. A.= $6^{s}.28$. AW gives $6^{s}.2$.
665	10	48.91	1	0	53	9.38 [21]	27	43	8.1	Mu.	210	17	
666	8	48.81	2	0	53	13.32	18	55	42.3 [22]	Tr.	209	28	
667	8	47.72	2	0	53	15.80	26	33	25.1	Tr.	136	101	[21] R. A. decreased 1 min.
	7	47.71	2			15.98			26.1	Tr.	135	42	[22] Decl. changed two rev. north.
	7	46.77	3			15.99			26.7	Tr.	90	28	
	7.8	46.77	3			16.01			25.2	Mu.	70	23	
668	7	48.67	3	0	53	17.31	20	53	57.5	Mu.	202	41	
669	9	47.79	1	0	53	24.32	27	55	57.7	Tr.	138	118	
670	9	47.93	1	0	53	26.52	25	4	53.8 [23]	Tr.	149	11	[23] Decl. changed one wire interval north.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
671	6	46.78	2	0	53	30.86	37	2	....	Tr.	92	7	
672	11	46.75	2	0	53	32.19	28	1	....[1]	Tr.	82	50	[1] Decl. changed one rev. north.
	9	47.79	2			32.36			18.3	Tr.	138	117	
673	9	48.67	4	0	53	43.96[2]	19	38	53.1	Mer.	147	58	[2] R. A. decreased 1 min.
674	9.10	46.72	7	0	53	48.45	25	33	26.0	Mer.	66	158	
	11	47.68	4			48.48			22.1	Tr.	129	88	
	9	47.96	2			48.84			24.8	Mu.	149	35	
675	9	48.74	1	0	53	54.53	17	5	44.7	Tr.	197	51[3]	[3] North of Gou and AG by 25″. One revolution=30″.2.
676	10	46.73	2	0	54	2.15	29	41	....	Tr.	80	6	
	9	47.71	3			2.53[4]			29.6[5]	Mer.	204	189	[4] R. A. decreased one thread interval.
677	9	47.80	2	0	54	9.52	23	36	51.6	Tr.	141	127	[5] Decl. changed five rev. south.
678	7.8	48.74	2	0	54	11.94	17	4	18.1	Tr.	197	52	
679	7	46.82	2	0	54	14.51	34	10	....	Tr.	100	18	
	8	46.98	5			14.66			10.2	Mu.	85	12	
680	9.10	47.80	2	0	54	15.02	28	15	34.5	Mu.	140	46	
	9	47.79	2			15.54			31.8	Tr.	138	119	
681	4.5	46.89	4	0	54	17.26	39	43	38.8	Tr.	103	9	
682	9.10	47.80	1	0	54	29.49	28	13	24.4	Mu.	140	47[6]	[6] Unidentified. Looked for with equatorial but not found.
683	8.9	47.80	1	0	54	30.36	24	11	42.5	Tr.	141	128	
684	9	47.71	1	0	54	32.97	26	41	45.2	Tr.	135	43	
685	8	48.67	3	0	54	43.06	20	28	29.4	Mu.	202	42	
686	10	46.73	1	0	54	48.00	30	47	46.8	Tr.	77	102	
	8	47.79	5			48.09			48.5	Mer.	206	107	
687	8.9	48.92	5	0	54	50.34	22	25	1.1	Mu.	212	61	
	8	47.93	2			50.41[7]			3.8	Mer.	116	11	[7] Separate threads give $50^{s}.80$, $50^{s}.01$.
688	8.9	48.92	3	0	55	4.13[8]	22	25	1.1	Mu.	212	62	[8] One of four threads rejected: R. A.=$5^{s}.00$.
	8	47.93	1			4.32			3.8	Mer.	116	12	
689	12	47.70	2	0	55	13.53	31	11	57.4	Tr.	131	36	
690	4.5	46.77	3	0	55	16.31	32	21	39.9	Tr.	87	49	
691	9	47.80	1	0	55	19.06	23	52	0.5[9]	Tr.	141	129	[9] Decl. changed one wire interval south.
692	9	47.72	2	0	55	20.40	26	6	55.2	Tr.	136	102	
693	10	48.91	2	0	55	31...[10]	27	47	56.1	Mu.	210	18	[10] Separate threads give $31^{s}.09$, $29^{s}.61$.
694	9	47.79	2	0	55	42.15	28	25	21.5	Tr.	138	120	
695	9	47.79	1	0	55	52.96	28	32	28.1	Tr.	138	121	
696	9	47.89	3	0	55	54.17	23	59	15.0	Mu.	148	22	
	8.9	47.80	2			54.43[11]			11.9	Tr.	141	130	[11] One of three threads rejected; R. A.=$53^{s}.70$.
697	9.10	48.91	3	0	55	58.00	27	54	55.4	Mu.	210	19	
698	7	47.71	2	0	55	59...[12]	26	59	9.0	Tr.	135	44	[12] Separate threads give $58^{s}.80$, $59^{s}.79$.
	8	46.77	4			59.76			4.6	Tr.	90	29	
699	9.10	46.98	2	0	56	4.35	33	33	3.5	Mu.	85	13	
700	8	47.79	2	0	56	4.96	28	41	15.1	Tr.	138	122	
701	5	47.79	4	0	56	7.50	30	19	55.0	Mer.	206	108	
	7	46.82	3			7.62			56.4	Tr.	99	1	
	7	46.82	5			7.69			53.3	Mu.	76	34	
	6	47.79	2			7.70			51.6	Tr.	140	35	
	4.5	46.73	3			7.72			54.5	Tr.	77	103	
702	6	46.79	2	0	56	16.14	32	53	....	Tr.	93	16	
703	10	48.78	1	0	56	23.83[13]	18	0	30.7	Mu.	207	62	[13] R. A. decreased one thread interval.
704	11	47.70	2	0	56	33.48	31	12	12.1	Tr.	131	37	
705	9	48.67	4	0	56	38.29	19	22	22.6	Mer.	147	59	
706	9	47.93	2	0	57	1.89	25	4	46.1	Tr.	149	12	
707	9	47.79	1	0	57	4.74	27	57	46.4	Tr.	138	123	
708	9	47.72	2	0	57	9.31	26	23	54.1	Tr.	136	103	
709	10	48.81	3	0	57	15.16	18	45	19.1	Tr.	209	29	
710	9	48.67	2	0	57	19.02	19	7	33.8	Mer.	147	60	
711	7	47.79	6	0	57	19.03	30	36	6.5	Mer.	206	109	
	10	46.82	2			19.27			9.4	Tr.	99	2	
	9	46.73	2			19.41			9.4	Tr.	77	104	
712	9	48.78	2	0	57	25.48	18	16	46.8	Mu.	207	63	
713	9	47.70	2	0	57	26.89	31	17	46.0	Tr.	131	38	
714	6	46.82	2	0	57	27.73	34	20	....	Tr.	100	19	
715	8	48.67	3	0	57	51.67	20	39	33.8	Mu.	202	43	
716	8	47.71	1	0	58	14.30	29	7	33.3	Mer.	204	190	
	7	46.73	2			14.37			....	Tr.	80	7	
717	9	48.91	2	0	58	20.37[14]	27	45	27.7	Mu.	210	20	[14] The second of three threads rejected; R. A.=$19^{s}.22$. If second thread be increased 2 sec. and last 1 sec., which latter a note in observing book indicates as probable, the three threads give $20^{s}.99$.
	8	46.71	3			21.10			29.1	Mer.	62	118	
	9	47.80	2			22.55[15]			28.9	Mu.	140	48	
718	9	47.93	3	0	58	31.76	22	22	24.5[16]	Mer.	116	13	
	9	48.92	4			31.95			19.5	Mu.	212	63	
719	9	48.91	1	0	58	33.59[17]	27	27	58.8	Mu.	210	21	[15] The first of three threads rejected; R. A.=$21^{s}.11$. If last two threads be decreased 1 sec. each, the three threads give $21^{s}.40$.
720	9	47.71	2	0	58	33.84	27	6	35.5	Tr.	135	45	
	8	46.77	4			34.14			34.6	Tr.	90	30	
721	9	46.77	2	0	58	36.70	26	17	18.1	Mu.	70	24	[16] Decl. changed two wire intervals north.
	9.10	46.72	2			36.76			23.0	Mer.	66	159	[17] "Time of transit doubtful."
	9	47.72	3			36.96			15.6	Tr.	136	104	
	9	47.68	3			37.13[18]			18.1	Mer.	106	19	[18] R. A. decreased 1 min.
722	8.9	48.91	2	0	58	42.39[19]	27	31	57.3	Mu.	210	22	[19] "Time of transit of first thread doubtful." Separate threads give $42^{s}.01$, $42^{s}.77$.
	9	46.71	2			42.51			54.8	Mer.	62	119	
	8	47.67	3			42.69			59.4	Tr.	127	65	
723	9	47.79	3	0	58	44.87	28	23	52.5	Tr.	138	124	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
724	10	48.67	1	0	58	48.05	19	38	28.3	Mer.	147	61	
725	8	48.67	2	0	58	54.92	20	51	47.5	Mu.	202	44	
726	9.10	48.92	2	0	59	1.19	22	28	36.1	Mu.	212	64	
	10	47.93	1			1.23[1]			31.9	Mer.	116	14	[1] R. A. increased two thread intervals.
727	7	46.89	1	0	59	11.49	39	2	12.0	Tr.	103	10	
728	8.7	46.82	6	0	59	17.77	43	22	41.6	Mer	79	4	
729	9.10	46.72	3	0	59	23.78	25	56	20.7	Mer	66	160	
	11	47.68	5			23.91			18.8	Tr.	129	89	
	9	47.72	2			24.17			22.5	Tr.	136	105	
	9	47.96	2			24.28			21.3	Mu.	149	36	
730	6	46.89	3	0	59	24.40[2]	36	27	50.4	Mu.	80	2	[2] One of four threads rejected; R. A.=$23^{s}.60$.
731	8	47.80	4	0	59	31.83	23	39	21.5	Tr.	141	131	
732	9	47.80	2	0	59	42.82	24	2	58.7	Tr.	141	132	
733	9	47.79	1	0	59	51.32	30	25	8.0	Tr.	140	36	
	8	47.79	2			51.46			5.5[3]	Mer.	206	110	[3] Decl. changed one rev. north.
	10	46.82	2			51.51			8.2	Tr.	99	3	
734	..	47.93	2	0	59	55.79	24	47	55.3	Tr.	149	13	
735	7.8	47.96	2	0	59	55.81[4]	25	39	30.5	Mu.	149	37	[4] One of three threads rejected; R. A.=$56^{s}.69$.
	8	46.72	3			55.87			31.7	Mer.	66	161	
736	10	48.74	3	1	0	17.42	16	45	2.5	Tr.	197	53	
737	9	47.79	1	1	0	25.21	30	5	20.7	Tr.	140	37	
738	9	46.73	2	1	0	25.77	29	30	....	Tr.	80	8	
739	6.7	47.79	7	1	0	26.27	28	31	29.5	Tr.	138	125	
740	10	48.78	2	1	0	34.03[5]	18	26	56.6	Mu.	207	64	[5] Separate threads give $34^{s}.38$, $33^{s}.68$.
741	9.10	47.80	2	1	0	34.51[6]	27	47	22.4	Mu.	140	49	[6] Separate threads give $34^{s}.11$, $34^{s}.90$.
	9	48.91	2			34.54			23.2	Mu.	210	23	
	9	46.79	2			34.78			22.8	Tr.	95	1	
	9	46.71	6			34.92			22.9	Mer.	62	120	
742	8	46.98	5	1	0	35.68	33	36	56.1	Mu.	85	14	
743	9	47.96	1	1	0	39.30	25	24	29.4	Mu.	149	38	
744	10	47.93	1	1	0	45.71	22	25	6.7	Mer.	116	15	
	9	48.92	3			45.90			4.5	Mu.	212	65	
745	8	47.93	1	1	1	11.31	25	2	38.2	Tr.	149	14	
746	9	48.78	2	1	1	15.73	17	51	55.9	Mu.	207	65	
747	9	47.71	2	1	1	31.69	26	39	48.5	Tr.	135	46	
	8	46.77	4			31.72			52.4	Tr.	90	31	
	9	46.77	3			31.76			54.5	Mu.	70	25	
	9	47.68	6			31.86			54.4	Mer.	106	20	
748	10	47.80	1	1	1	41.13[7]	23	41	5.9	Tr.	141	133	[7] R. A. decreased one thread interval.
749	8	47.79	2	1	1	42.93	30	25	22.4	Tr.	140	38	
	8	47.79	4			42.99			18.3	Mer.	206	111	
	8	46.82	4			43.11			22.5	Tr.	99	4	
750	8	46.77	1	1	1	48.76	31	43	30.4	Tr.	87	50	
751	9	47.72	2	1	1	48.80	26	20	11.6	Tr.	136	106	
	9	46.77	2			48.85			11.5	Mu.	70	26	
	9	47.80	4			49.36[8]			9.6	Mer.	111	1	[8] One of five threads rejected; R. A.=$48^{s}.52$.
752	10	46.82	3	1	2	2.40	34	24	....	Tr.	100	20	
753	9	46.78	2	1	2	9.74	36	56	....	Tr.	92	8	
754	8	46.82	2	1	2	12.15	43	26	46.8	Mer.	79	5	
755	5	46.82	2	1	2	13.38[9]	43	12	9.3	Mer.	79	6	
756	9	48.78	1	1	2	25.42	18	21	37.8[10]	Mu	207	66	
757	9	48.91	3	1	2	27.15	27	40	56.7	Mu.	210	24	
758	10	46.73	2	1	2	41.10	29	34	....	Tr.	80	9	[9] One thread decreased one thread interval.
759	9	47.72	2	1	2	46. ..[11]	26	14	2.1	Tr.	136	107	One of three threads rejected; R. A.=$12^{s}.67$.
760	6.7	46.77	4	1	2	51.23	26	59	40.4	Tr.	90	32	[10] Decl. changed one rev. south.
	7	47.71	4			51.47			37.9	Tr.	135	47	[11] Separate threads give $46^{s}.43$, $47^{s}.38$.
761	9	48.74	3	1	2	59.83	17	6	25.9	Tr.	197	54	
762	9	47.80	3	1	3	7.46	23	34	32.7	Tr.	141	134	
763	12	47.68	3	1	3	12.13	25	42	28.7	Tr.	129	90	
764	9	46.82	2	1	3	50.22	43	11	57.5	Mer.	79	7	
765	9	47.72	2	1	3	55.09[12]	26	11	6.8	Tr.	136	108	[12] One of three threads rejected; R. A.=$54^{s}.37$.
766	8.9	47.80	2	1	4	13.35	23	31	38.3	Tr.	141	135	
767	10	46.79	2	1	4	17.60	27	55	20.0	Tr.	95	2	
768	9	47.79	1	1	4	18.85	30	17	20.7	Tr.	140	39	
769	9	48.78	2	1	4	23.41	18	20	10.0	Mu.	207	67	
770	10	48.74	3	1	4	29.17	16	51	23.4	Tr.	197	55	
771	10	48.81	3	1	4	37.78	18	36	40.5	Tr.	209	30	
772	9.10	46.82	3	1	4	38.37	30	43	61.2	Tr.	99	5	
	8	47.79	4			38.46			58.5	Mer.	206	112	
773	9	47.80	2	1	4	57.33	23	27	52.7	Tr.	141	136	
774	9	48.91	3	1	5	0.61	27	6	21.0	Mu.	210	25	
	8	47.71	2			0.64			19.2	Tr.	135	48	
	9	46.71	7			0.65[13]			22.7[14]	Mer.	62	121	[13] Last four threads increased 1 sec. each;
	8	46.77	3			0.72			20.6	Tr.	90	33	mean of the four differs by 1.15 sec. from
775	8.9	47.79	2	1	5	32.02[15]	29	58	32.4	Tr.	140	40	mean of the first three.
776	10	47.80	3	1	5	32.30	26	2	3.3	Mer.	111	2	[14] Decl. changed one rev. north.
	9	47.72	2			32.31			2.9	Tr.	136	109	[15] One thread decreased one thread interval.
777	7	46.89	3	1	5	48.34	36	0	6.0	Mu.	80	3	
778	9.10	46.82	2	1	5	51.75	30	29	33.3	Tr.	99	6	
	8	47.79	2			51.95			32.9	Mer.	206	113	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850 0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
779	7	46.78	2	1	5	57...[1]	36	32	....	Tr.	92	9	[1] Separate threads give $57^s.25$, $58^s.37$.
	8	46.89	1			57.83			34.9	Mu.	80	4	
780	9.10	46.71	1	1	5	59.67[2]	27	14	21.9	Mer.	62	122	[2] R. A. decreased two thread intervals.
	8	47.71	2			59.89			27.6	Tr.	135	49	
781	9.10	46.98	2	1	6	25.70[3]	33	37	0.6	Mu.	85	15	[3] Gou gives $22^s.6$.
782	9	47.79	2	1	6	39.13	31	6	21.9	Mer.	206	114	
783	9	46.81	2	1	6	40.44	34	31	....	Tr.	98	1	
784	11	48.74	2	1	6	48.77	16	55	36.9	Tr.	197	56	
785	9	47.80	1	1	6	55.13	23	29	6.7	Tr.	141	137	
786	8	46.78	2	1	6	56.70[4]	36	58	....	Tr.	92	10	[4] Separate threads give $56^s.32$, $57^s.08$.
787	7	46.82	2	1	7	4.41	43	10	6.2	Mer.	79	8	
788	8	47.93	2	1	7	6.75	25	5	51.3	Tr.	149	15	
789	9	47.80	1	1	7	7.69	23	48	38.1[5]	Tr.	141	138	[5] Decl. changed two rev. south.
790	7	48.78	2	1	7	24.88	18	2	7.9	Mu.	207	68	
791	8	48.74	2	1	7	29.97	16	36	51.4	Tr.	197	57	
792	8	48.81	3	1	7	40.73	18	58	28.8	Tr.	209	31	
793	9	47.79	1	1	7	40.97	30	11	10.7	Tr.	140	41	
794	8.9	47.80	2	1	7	53.09	23	41	39.3	Tr.	141	139	
795	8	47.93	3	1	8	6.26	22	31	21.8	Mer.	116	16	
	7.8	48.92	5			6.46			22.2	Mu.	212	66	
796	9	47.79	2	1	8	6.80	23	42	58.0	Tr.	141	140	
797	9	47.79	1	1	8	10.63	30	21	58.8	Tr.	140	42	
	8	47.79	3			10.79			62.0[6]	Mer.	206	115	[6] Decl. changed one rev. north.
798	8	48.78	3	1	8	26.80	18	10	43.5	Mu.	207	69	
799	9	47.80	1	1	8	29.92	23	40	36.8	Tr.	141	141[7]	[7] Unidentified. Looked for with equatorial but not found. Two AW stars near this one are observed as Tr. 141, Nos. 139 and 140.
800	9.10	48.92	2	1	8	54.98	22	16	36.7	Mu.	212	67	
801	8	46.92	3	1	9	8.75	34	56	26.4	Mu.	83	17	
802	9	46.98	2	1	9	19.85	33	30	33.3	Mu.	85	16	
803	10	48.81	4	1	9	24.34	18	56	41.8	Tr.	209	32	
804	9.10	47.80	4	1	9	28.76	26	27	62.8	Mer.	111	3	
	8	46.77	3			28.76			63.1	Tr.	90	34	
	8.9	47.72	3			28.83			59.1	Tr.	136	110	
	8.9	46.77	2			28.90			59.9	Mu	70	27	
805	9	48.92	1	1	9	29.62[8]	22	36	20.4	Mu.	212	68	[8] "Time of transit doubtful."
	9	47.93	4			31.91			22.8	Mer.	116	17	
806	4	46.82	3	1	9	35.21	43	16	28.8[9]	Mer.	79	9	[9] Decl. changed one wire interval south.
807	9	47.79	2	1	9	37.26[10]	30	45	4.8	Mer.	206	116	[10] One of three threads rejected; R. A.=$38^s.06$.
808	9	47.80	2	1	9	52.42	24	1	49.9	Tr.	141	142	
809	9	46.77	1	1	9	58.62	26	28	....	Mu.	70	28[11]	[11] Unidentified. Looked for with equatorial but not found. Follows CPD–26°112, which is Mu. 70, No. 27, by 30^s. A star follows CPD–26°112 by $34^s.4$, and is 1′ 39″ north of it.
810	9	46.82	3	1	10	4.95	30	46	37.8	Tr.	99	7	
	8	47.79	3			4.94			37.3	Mer.	206	117	
811	8	48.78	2	1	10	8.97	18	19	47.1	Mu.	207	70	
812	5	46.82	4	1	10	17.94	43	19	27.8	Mer.	79	10	
813	8	46.92	1	1	10	22.62	35	27	14.3	Mu.	83	18	
814	10	46.71	3	1	10	28.43	27	48	18.9	Mer.	62	123	
	9	46.79	2			28.49			17.5	Tr.	95	3	
	9.10	48.91	2			28.66			19.6	Mu.	210	26	
	9.10	47.80	2			28.90			18.0	Mu.	140	50	
815	9	48.91	1	1	11	2.61	27	39	1.6	Mu.	210	27	
	10	47.67	3			2.73			5.3	Tr.	127	66	
816	7	46.92	1	1	11	5.88	34	55	41.2	Mu.	83	19	
817	9	47.80	1	1	11	9.17	23	56	52.8	Tr.	141	144	
818	8	47.80	3	1	11	12.24	23	48	12.1	Tr.	141	143	
819	8	46.98	4	1	11	17.10[12]	33	55	45.5	Mu.	85	17	[12] Two threads increased 1 sec. each.
820	7	46.73	2	1	11	26.08	29	31	....	Tr.	80	10	
821	9	47.80	2	1	11	26.47	23	36	47.1	Tr.	141	145	
822	10	47.80	3	1	11	27.41	26	41	26.6	Mer.	111	4	
	7.8	47.71	3			27.77			26.8	Tr.	135	50	
	8	46.77	3			27.81			27.4	Tr.	90	35	
823	9.10	47.80	2	1	11	29.86	28	18	24.2	Mu.	140	51	
824	8	47.79	2	1	11	30.25[13]	30	58	30.1	Mer.	206	118	[13] R. A. increased one thread interval.
	9	46.82	2			30.29			29.1	Tr.	99	8	
825	7	48.91	1	1	11	33.24	27	18	3.6	Mu.	210	28	
	9	46.71	5			33.36			6.2	Mer.	62	124	
826	8	46.78	2	1	11	39.59	37	2	....	Tr.	92	11	
827	9	46.98	1	1	11	41.80[14]	33	58	48.0	Mu.	85	18	[14] "Time of transit doubtful"
828	9	46.82	1	1	11	52.28	30	45	12.0	Tr.	99	9	
	8	47.79	2			52.35			10.8	Mer.	206	119	
829	9	47.79	2	1	11	52.60	29	58	47.0	Tr.	140	43	
830	9	47.80	2	1	12	9.55	23	53	55.7	Tr.	141	146	
831	9	47.68	4	1	12	19.23	25	44	7.4	Tr.	129	91	
	8	47.96	4			19.23			9.4	Mu.	149	39	
832	9	47.72	1	1	12	19.47	26	27	2.2	Tr.	136	111	
833	8	46.92	2	1	12	22.74	35	16	54.3	Mu.	83	20	
834	9	48.78	3	1	12	29.26	17	49	37.2	Mu.	207	71	
835	11	47.93	1	1	12	32.85	22	14	34.6	Mer.	116	18	
	9.10	48.92	2			33.26			37.1	Mu.	212	69	
836	8	48.74	3	1	12	35.35	16	36	3.0	Tr.	197	58	
837	10	46.81	2	1	12	46.08	34	30	....	Tr.	98	2	
838	9	47.80	1	1	12	54.51	23	50	37.6	Tr.	141	147	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
839	8	46.82	5	1	13	18.54	29	46	31.1	Mu.	76	35	
	7	46.73	2			18.55			....	Tr.	80	11	
840	8.9	46.82	2	1	13	21.57	30	23	19.5	Tr.	99	10	
	9	47.79	4			21.73			17.1	Tr.	140	44	
	7	47.79	1			21.85			19.2	Mer.	206	120	
	9	46.82	1			21.89			18.9	Mu.	76	36	
841	7	46.78	2	1	13	23.89	37	1	....	Tr.	92	12	
842	9	48.91	2	1	13	25.33	27	32	4.4	Mu.	210	29	
	10	47.67	2			25.48			6.1	Tr.	127	67	
843	8	47.79	1	1	13	31.51	30	35	45.6	Mer.	206	121	
844	8	47.72	2	1	13	37...[1]	25	53	26.4	Tr.	136	112	[1] Separate threads give $36^{s}.23$, $37^{s}.13$.
	8	47.68	4			37.07			26.8	Tr.	129	92	
	8	47.96	3			37.10			27.1	Mu.	149	40	
	8	46.77	5			37.18			26.2	Mu.	70	29	
	9	47.80	3			37.39[2]			28.7	Mer.	111	5	[2] One of four threads rejected; R. A.=$35^{s}.99$.
845	10	46.81	2	1	13	37.44	34	11	....	Tr.	98	3	
846	9	46.89	2	1	14	12.73	39	18	53.5	Tr.	103	11	
847	9	46.73	2	1	14	20.20	29	35	....	Tr.	80	12	
848	8	47.93	3	1	14	35.27[3]	24	55	1.1	Tr.	149	16	[3] R. A. decreased 1 min.
849	10	46.71	3	1	14	36.12	27	27	22.2	Mer.	62	125	
	9	48.91	2			36.30			9.6	Mu.	210	30	
	10	47.67	2			36.45			9.7	Tr.	127	68	
850	5	46.81	2	1	14	42.10	34	1	....	Tr.	98	4	
	7.8	46.98	5			42.12			13.8	Mu.	85	19	
851	10	48.91	1	1	14	47.55	27	29	35.7	Mu.	210	31	
852	10	47.93	3	1	14	51.79	22	19	16.2	Mer.	116	19	
	9	48.92	2			51.96			13.8	Mu.	212	70	
853	8	47.80	5	1	14	56.59	28	1	13.2	Mu.	140	52	
	9	46.79	4			56.74			13.4	Tr.	95	4	
854	9	46.71	1	1	15	2.14	27	40	13.2[4]	Mer.	62	126	[4] Decl. changed one wire interval south.
855	8	48.92	4	1	15	30.18	22	12	43.2	Mu.	212	71	
	10	47.93	2			30.52			52.5[5]	Mer.	116	20	[5] Decl. changed one rev. north.
856	9	47.80	1	1	15	34.53	24	2	27.8	Tr.	141	148	
857	7	46.92	2	1	15	34.54	35	27	4.3	Mu.	83	21	
858	10	47.80	1	1	15	34.68	26	12	22.5[6]	Mer.	111	6	[6] Decl. changed two wire intervals south.
	9	47.72	2			35.16			22.5[7]	Tr.	136	113	[7] Decl. changed two rev. south.
859	9	46.73	2	1	15	41.57	29	17	....	Tr.	80	13	
860	..	47.79	2	1	15	61.06[8]	30	48	24.8	Mer.	206	122	[8] One of three threads rejected; R. A.=$59^{s}.43$.
861	9	47.80	2	1	16	1.80	24	6	15.0	Tr.	141	149	
862	9	48.81	3	1	16	3.07	18	43	10.6	Tr.	209	33	
863	10	48.74	3	1	16	12.18	17	0	31.1	Tr.	197	59	
864	6	46.81	2	1	16	21.79	34	20	....	Tr.	98	5	
865	11	46.81	2	1	16	22.19	34	16	....	Tr.	98	6	
866	6	47.93	2	1	16	26.16	25	8	19.2	Tr.	149	17	
867	9	47.71	2	1	16	35.46	26	58	32.2	Tr.	135	51	
	10	46.77	4			35.46			33.6	Tr.	90	36	
868	9	47.80	2	1	16	55.27	23	33	13.6	Tr.	141	150	
869	9	48.92	2	1	16	58.08	22	43	32.5	Mu.	212	72	
870	10	47.93	1	1	17	2.05	22	32	12.2	Mer.	116	21	
	8	48.92	2			2.66[9]			8.3	Mu.	212	73	[9] One of three threads rejected; R. A.=$1^{s}.94$.
871	9	48.74	1	1	17	17.66	17	13	35.3	Tr.	197	60	
872	10	48.81	3	1	17	18.62	19	0	8.6	Tr.	209	34	
873	7	46.73	2	1	17	21.27	29	16	....	Tr.	80	14	
874	9	47.80	2	1	17	24.31[10]	26	6	14.7	Mer.	111	7	[10] One of three threads rejected; R. A.=$25^{s}.06$.
	9	47.72	4			24.41			13.8	Tr.	136	114	
	9	46.77	2			24.61			14.3	Mu.	70	30	
875	9	47.71	1	1	17	42.76	27	2	36.3	Tr.	135	52	
876	6.7	46.92	4	1	17	46.45	34	55	30.6	Mu.	83	22	
877	8	47.68	3	1	18	22.17[11]	25	29	52.3	Tr.	129	93	[11] One of four threads rejected; record doubtful.
	9	47.96	4			22.26[12]			53.6	Mu.	149	41	[12] Two threads increased 1 sec. each.
878	9	46.71	7	1	18	25.34	27	14	25.6	Mer.	62	127	
	9	47.71	1			25.41			27.2[13]	Tr.	135	53	[13] Decl. of Tr. 135, No. 52, repeated on this star; true Decl. assumed to have been recorded on Tr. 135, No. 54.
	9	48.91	4			25.66			24.6	Mu.	210	32	
879	8	46.73	2	1	18	25.37	29	33	....	Tr.	80	15	
880	8	48.78	3	1	18	45.08	18	5	29.2	Mu.	207	72	
881	7.8	47.80	4	1	18	53.73[14]	23	34	48.5	Tr.	141	151	[14] R. A. increased 1 min.
882	5	47.79	3	1	19	30.19	31	3	28.2	Mer.	206	123	
	8.7	46.82	2			30.25			32.5	Tr.	99	11	
883	10	46.81	2	1	19	30.63	34	41	....	Tr.	98	7	
884	9	47.72	2	1	19	33.18	25	55	53.7	Tr.	136	115	
885	9	47.80	1	1	19	33.49[15]	23	53	31.1	Tr.	141	152	[15] R. A. increased 1 min.
886	10	48.81	2	1	19	45.76	19	7	42.1	Tr.	209	35	
887	9	46.82	3	1	19	48.89	30	14	51.1	Mu.	76	37	
	9	47.79	1			49.08			47.8	Tr.	140	45	
888	9	47.80	1	1	19	52.81[16]	24	5	10.7	Tr.	141	153	[16] R. A. increased 1 min.
889	9	46.78	2	1	20	0.46	37	9	....	Tr.	92	13	
890	6	46.82	2	1	20	6.36	31	0	52.1	Tr.	99	12	
	7	47.79	4			6.67			56.9	Mer.	206	124	
891	12	47.68	2	1	20	10.78	25	37	7.5	Tr.	129	94	
	9.10	47.96	1			12.71[17]			6.5	Mu.	149	42	[17] "Time of transit doubtful."

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
892	9	47.79	1	1	20	11.95	30	30	53.8	Mer.	206	125	
893	9	47.71	2	1	20	22.00	26	42	37.7[1]	Tr.	135	54	[1] Decl. of Tr. 135, No. 53, assumed to have been recorded on this star; true Decl. assumed to have been recorded on Tr. 135, No. 55.
	8	46.77	3			22.03			40.0	Tr.	90	37	
894	8.9	47.72	3	1	20	29.33	26	6	43.9	Tr.	136	116	
	9	46.77	3			29.36			43.8	Mu.	70	31	
	9	47.80	4			29.64			45.0	Mer.	111	8	
895	8	47.93	2	1	20	30.27	24	47	44.2	Tr.	149	18	
896	7	48.78	2	1	20	47.59[2]	18	2	29.0	Mu.	207	73	[2] Separate threads give $47^{s}.95$, $47^{s}.23$.
897	9	46.73	2	1	20	47.71	29	40	....	Tr.	80	16	
	9	46.82	2			47.83[3]			26.1	Mu.	76	38	[3] One of three threads rejected; R. A.=$49^{s}.52$.
898	8	47.93	3	1	20	48.06	22	48	57.2	Mer.	116	22	
	6.7	48.92	5			48.28			59.0	Mu.	212	74	
899	9	48.81	2	1	20	54.97	18	50	24.1	Tr.	209	36	
900	8	47.80	4	1	20	57.62	27	53	27.9	Mu.	140	53	
	8	46.79	4			57.69			28.0	Tr.	95	5	
	7	47.67	2			57.75			24.1	Tr.	127	69	
	7	46.71	2			57.88			30.0	Mer.	62	128	
	7.8	48.91	5			57.93			28.4	Mu.	210	33	
901	10	48.74	3	1	21	4.64	16	41	9.3	Tr.	197	61	
902	9	47.80	3	1	21	19.17	23	32	40.5	Tr.	141	154	
903	9	46.78	2	1	21	32.70	36	51	....	Tr.	92	14	
904	8	47.93	3	1	21	38.30[4]	25	6	58.9	Tr.	149	19	[4] One thread decreased 10 sec.
905	9	46.77	2	1	21	38.35	26	32	10.3	Tr.	90	38	
	9	47.72	3			38.39			7.0	Tr.	136	117	
	9	47.71	3			38.69			10.0[5]	Tr.	135	55	[5] Decl. of Tr. 135, No. 54, assumed to have been recorded on this star; true Decl. assumed to have been recorded on Tr. 135, No. 56.
	10	47.80	1			38.82			4.2	Mer.	111	9	
	9	46.77	1			[59.58]			5.7	Mu.	70	32	
906	7	48.81	2	1	21	39.94	18	42	52.2	Tr.	209	37	
907	7	47.68	2	1	21	41.02	25	34	34.1	Tr.	129	95	
	7	46.72	3			41.17			37.4	Mer.	66	162	
	7.8	47.96	4			41.54			34.8	Mu.	149	43	
908	7	47.79	1	1	21	44.92[6]	30	40	13.5	Mer	206	126	[6] R. A. decreased one thread interval.
	8	46.82	3			45.09			12.7	Tr.	99	13	
909	9	47.80	1	1	21	46.39	24	10	15.7	Tr.	141	155	
910	5	46.81	2	1	21	52.22	34	32	....	Tr.	98	8	
911	9	47.80	2	1	21	59.84	23	47	35.9	Tr.	141	156	
912	9	48.78	2	1	22	6. . .[7]	18	3	52.8	Mu.	207	74	[7] Separate threads give $6^{s}.91$, $5^{s}.71$
913	9	46.81	2	1	22	9.12	34	7	....	Tr.	98	9	
914	10	48.74	2	1	22	10.54	16	54	45.2	Tr.	197	62	
915	8	47.93	3	1	22	24.02	22	24	23.7	Mer.	116	23	
	5.6	48.92	4			24.20			24.9	Mu.	212	75	
916	9.10	46.98	1	1	22	34.24	34	5	55.6	Mu.	85	20	
917	6.7	46.77	4	1	22	37.17	26	23	44.2	Mu.	70	33	
	7	47.72	3			37.31			44.4	Tr.	136	118	
	8	47.80	2			37.32[8]			43.5	Mer.	111	10	[8] R. A. decreased 1 min.
918	7.8	46.82	3	1	22	42.70	30	49	20.1	Tr.	99	14	
	7	47.79	3			43.00			21.7	Mer.	206	127	
919	9	47.80	3	1	22	58.47	27	44	50.6	Mu.	140	54	
	8	47.67	1			58.58			54.0	Tr.	127	70	
	8.9	48.91	5			58.62			51.3	Mu.	210	34	
	8.9	46.71	6			58.67			51.1	Mer.	62	129	
	8	46.79	1			58.75			49.6	Tr.	95	6	
920	9	47.72	2	1	23	5.25	26	5	56.6	Tr.	136	119	
921	9	48.78	1	1	23	10.03	18	20	44.2	Mu.	207	75	
922	8.9	46.82	5	1	23	13.80	29	38	27.6	Mu.	76	39	
	8	46.73	2			13.99			....	Tr.	80	17	
923	8	46.78	2	1	23	16.59	37	12	....	Tr.	92	15	
924	4.5	46.77	4	1	23	18.44	26	59	6.0[9]	Tr.	90	39	[9] Decl. changed one wire interval south.
	9	47.71	3			18.68			....[10]	Tr.	135	56	[10] Decl. recorded on this star, assumed to belong to Tr. 135, No. 55.
925	8.9	47.80	3	1	23	23.27	24	1	5.5	Tr.	141	157	
926	9	47.72	2	1	23	25.65	26	9	51.2	Tr.	136	120	
927	9	47.79	3	1	23	26.69	30	2	35.5	Tr.	140	46	
928	9.10	47.96	2	1	23	28.04[11]	25	43	41.1	Mu.	149	44	[11] Separate threads give $28^{s}.42$, $27^{s}.65$.
929	10	46.78	2	1	23	40.51	37	4	....	Tr.	92	16	
930	10	48.81	3	1	24	0.48	18	27	47.9	Tr.	209	38	
	8	48.78	1			0.61[12]			47.2	Mu.	207	76	[12] R. A. increased one thread interval.
931	8	47.93	3	1	24	6.33	25	22	42.6[13]	Tr.	149	20	[13] Decl. changed one wire interval south.
932	9	47.72	1	1	24	22.27	26	15	0.4	Tr.	136	121	
933	6	47.79	3	1	24	31.90	30	45	35.2[14]	Mer.	206	128	[14] Decl. changed one rev. north.
	6.7	46.82	4			31.95			39.9	Tr.	99	15	
934	9	47.80	2	1	24	32.87[15]	24	0	24.7	Tr.	141	158	[15] R. A. decreased one thread interval.
935	9	47.80	1	1	24	35.28	23	59	15.4	Tr.	141	159	
936	9	46.89	1	1	24	36.32	39	12	7.0	Tr.	103	12	
937	8	48.81	2	1	24	39.49	18	28	29.6	Tr.	209	39	
	8	48.78	1			39.73			35.6	Mu.	207	77	
938	9	47.72	1	1	24	41.32	26	17	53.7	Tr.	136	122	
939	6	47.79	2	1	24	46.59	31	3	17.8	Mer.	206	129	
940	8	47.80	4	1	24	52.62	28	28	36.3	Mu.	140	55	
	7	46.79	3			52.81			40.3	Tr.	95	7	
941	9	46.81	2	1	25	6.99	34	11	....	Tr.	98	10	
942	9.10	48.91	1	1	25	11.04	27	34	53.9	Mu.	210	35	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
943	10	47.80	1	1	25	16.58	26	4	30.3[1]	Mer.	111	11	[1] Decl. changed one wire interval north.
	9	46.77	2			17. . .[2]			31.6	Mu.	70	34	[2] Separate threads give $18^{s}.41$, $17^{s}.44$.
	9	47.72	1			17.33			33.6	Tr.	136	123	
944	9.10	46.71	7	1	25	17.03	27	19	24.9	Mer.	62	130	
	9	48.91	2			17.31			19.0	Mu.	210	36	
945	10	48.91	1	1	25	18.49	27	19	13.4	Mu.	210	37	
946	9	48.74	3	1	25	19.49	16	55	23.6	Tr.	197	63	
947	9	46.82	2	1	25	32.18	30	29	53.1	Tr.	99	16	
948	8	48.81	1	1	25	37.38	18	23	3.1	Tr.	209	40	
	8	48.78	1			37.62			3.8	Mu.	207	78	
949	7	47.93	4	1	26	7.13	24	56	37.2	Tr.	149	21	
950	9	46.82	1	1	26	7.95[3]	29	51	49.1	Mu.	76	40	[3] Time of transit very uncertain.
951	8	46.77	1	1	26	11.33	26	26	19.5	Tr.	90	40	
	9	46.77	2			11.49			17.9	Mu.	70	35	
	9	47.72	3			11.63			12.9	Tr.	136	124	
952	7	46.82	2	1	26	28.51	30	42	32.0	Tr.	99	17	
953	8	46.89	1	1	26	38.31	39	0	48.7	Tr.	103	13	
954	9	47.80	3	1	26	58.66[4]	23	32	40.2[5]	Tr.	141	160	[4] R. A. increased 1 min.
955	8	46.73	2	1	27	7.53	29	33	. . . .	Tr.	80	18	[5] North of AW and Gou by 15″.
956	9	46.82	1	1	27	15.04	30	43	35.7[6]	Tr.	99	18	[6] Decl. changed one wire interval north.
957	8	47.80	4	1	27	17.74	28	8	3.1	Mu.	140	56	
	8	46.79	4			17.99			1.7	Tr.	95	8	
958	9	46.73	2	1	27	36.41	29	24	. . . .	Tr.	80	19	
959	8	46.89	3	1	27	58.78	36	6	54.1	Mu.	80	5	
960	7	46.82	1	1	28	3.79	30	41	2.3	Tr.	99	19	
961	9	48.78	1	1	28	12.37	18	10	3.8	Mu.	207	79	
962	9	46.77	2	1	28	25.62	26	12	6.6	Mu.	70	36	
	10	47.80	2			25.76			5.4[7]	Mer.	111	12	[7] Decl. changed two wire intervals north and one rev. south.
	9	47.72	2			26.10			6.8	Tr	136	125	
963	9	47.93	2	1	28	30.33	25	16	22.9	Tr.	149	22	
	9.10	47.96	2			30.42[8]			22.8	Mu.	149	45	[8] R A. decreased 1 min. One of three threads rejected; R. A.=$28^{s}.69$.
964	7	48.78	3	1	28	34.69	18	17	32.2	Mu.	207	80	
965	10	48.81	3	1	28	43.58	18	50	54.9	Tr.	209	41	
966	9	48.74	3	1	29	2.80	16	47	3.2	Tr.	197	64	
967	11	47.93	1	1	29	5.93	22	23	44.8	Mer.	116	24	
968	9.10	46.77	3	1	29	8.59	26	41	25.7	Tr.	90	41	
969	9	46.89	1	1	29	9.89	39	23	17.1	Tr.	103	14	
970	9	46.89	1	1	29	11.43	39	19	23.5	Tr.	103	15	
971	5.6	46.82	3	1	29	12.32	30	40	36.5	Tr.	99	20	
972	9	46.78	2	1	29	14.97	36	46	. . . .	Tr.	92	17	
973	9	46.82	3	1	29	15.03	30	9	40.0	Mu.	76	41	
	8	47.93	3			15.29			35.8	Mer.	214	1	
974	6	46.78	1	1	29	17.62	37	13	. . . .[9]	Tr.	92	18	[9] Decl. changed one wire interval south.
975	8.9	46.98	2	1	29	32.23	34	9	3.4	Mu.	85	21	
	7	46.81	2			32.25			. . . .	Tr.	98	11	
976	8	47.82	1	1	29	37.34	23	12	34.2	Tr.	144	1	
977	9	48.78	1	1	29	38.12	18	2	53.2	Mu.	207	81	
978	9	47.71	1	1	29	56.54	26	57	32.3	Tr.	135	57	
	10	46.77	1			56.72			35.7	Tr.	90	42	
979	9	47.72	3	1	29	57.69	26	24	8.7	Tr.	136	126	
980	7	46.72	5	1	30	6.54	25	46	60.8	Mer.	66	163	
	9	47.96	3			6.61			56.2	Mu.	149	46	
	9	47.68	4			6.61			60.4[10]	Tr.	129	96	[10] Decl. changed one rev. north.
981	9	48.74	3	1	30	8.14	16	45	55.1	Tr.	197	65	
982	8	47.93	3	1	30	9.82	30	9	24.0[11]	Mer.	214	2	[11] Decl. changed one rev. south.
	9	46.82	4			9.99			25.2[12]	Mu.	76	42	[12] Decl. changed one rev. south.
983	10	48.81	2	1	30	11.33	18	39	32.4	Tr.	209	42	
984	10	46.81	2	1	30	22.21	34	16	. . . .	Tr.	98	12	
985	9	47.80	4	1	30	39.08	26	19	56.5	Mer.	111	13	
	9	46.77	3			39.24[13]			57.6	Mu.	70	37	[13] One of four threads rejected; R. A.=$40^{s}.36$.
	9	47.72	2			39.25			56.3	Tr.	136	127	
986	9	47.93	2	1	30	45.40	24	47	41.7[14]	Tr.	149	23	[14] Decl. changed one wire interval south.
987	9	47.72	1	1	30	47.45	26	11	10.7	Tr.	136	128	
988	8.9	47.80	5	1	30	59.74	27	59	13.5	Mu.	140	57	
	8	46.71	6			59.98			12.4	Mer.	65	1	
	9	46.79	3			60.07			13.9	Tr.	95	9	
989	9	48.74	2	1	31	7.87	16	38	11.3	Tr.	197	66	
990	. .	48.78	1	1	31	12.22	18	2	35.8	Mu.	207	82	
991	5	46.78	2	1	31	47.39	37	17	. . . .	Tr	92	19	
992	7.8	47.96	2	1	31	47.41[15]	25	47	11.3	Mu.	149	47	[15] Two of four threads rejected; R. A.=$48^{s}.33$, $46^{s}.55$.
	8	47.68	3			47.51			14.6	Tr.	129	97	
	7	46.72	2			47.70			10.4	Mer.	66	164	
993	9	46.71	5	1	31	56.09	28	0	58.5	Mer.	65	2	
	10	46.79	1			56.11			59.0	Tr.	95	10	
	9.10	47.80	. .			57. . .			60.0	Mu.	140	58	
994	10	47.80	2	1	32	1.51	25	54	19.0[16]	Mer.	111	14	[16] Decl. changed one wire interval north.
	9	47.96	1			1.70[17]			19.2	Mu.	149	48	[17] R. A. decreased 1 min.
995	7	48.78	1	1	32	6.63	18	33	26.1[18]	Mu.	207	83	[18] Horizontal wire and micrometer rev. assumed.
996	5	46.82	6	1	32	6.71	43	41	28.9	Mer.	79	11	
997	9	46.81	2	1	32	15.38	34	13	. . . .	Tr.	98	13	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
998	8	46.82	2	1	32	21.09	29	47	....	Tr.	101	1	
	8	46.82	5			21.12			11.3	Mu.	76	43	
	7	47.93	4			21.36			13.1	Mer.	214	3	
999	7	48.78	1	1	32	31.87	18	18	38.9	Mu.	207	84	
1000	5	46.81	2	1	32	35.48	34	19	....	Tr.	98	14	
1001	7	47.82	1	1	32	47.84	23	40	29.2	Mu.	145	1	
1002	9	46.78	2	1	32	51.54	36	48	....	Tr.	92	20	
1003	9	47.72	1	1	33	10.00	26	3	15.2	Tr.	136	129	
1004	10	48.74	2	1	33	18.58	17	2	59.0	Tr.	197	67	
1005	8	46.92	2	1	33	32.92	35	14	20.7	Mu.	83	23	
1006	9	46.71	4	1	33	54.52	27	44	57.6	Mer.	65	3	
1007	8	46.78	2	1	33	56.08	37	14	....	Tr.	92	21	
1008	9	46.71	3	1	34	6.98	27	46	47.0	Mer.	65	4	
1009	9	47.82	1	1	34	17.47	22	53	45.3	Tr.	144	2	
1010	10	46.77	2	1	34	19.10	26	52	0.0	Tr.	90	43	
	9	47.71	2			19.29			0.8	Tr.	135	58	
1011	6	46.81	2	1	34	26.04	34	9	....	Tr.	98	15	
	8	46.98	7			26.16			29.1 [1]	Mu.	85	22	[1] Decl. changed one rev. north.
1012	9	48.78	1	1	34	45.22	17	56	6.6	Mu.	207	85	
1013	10	46.77	1	1	34	50.45	27	8	57.3	Tr.	90	44	
	10	46.71	5			50.58 [2]			55.9	Mer.	62	131	[2] One of six threads rejected; R. A. = $49^s.77$.
	9	48.91	2			50.66			54.3	Mu.	210	38	
1014	9	46.82	2	1	35	32.88	29	20	....	Tr.	101	2	
1015	11	47.93	2	1	35	36.87	22	24	11.1	Mer.	116	25	
1016	10	47.93	1	1	36	6.38	22	22	38.2	Mer.	116	26	
1017	8	46.78	1	1	36	21.43	36	34	....	Tr.	92	22	
1018	9	47.82	2	1	36	27.64	23	29	29.8	Tr.	144	3	
1019	9	47.93	3	1	36	31.77	24	55	25.2	Tr.	149	24	
1020	9	46.71	4	1	36	46.21 [3]	27	45	40.0	Mer.	65	5	[3] One of five threads rejected; R. A. = $45^s.43$.
1021	9	46.82	3	1	36	57.48	30	34	1.9	Tr.	99	21	
	8	47.79	5			57.71			2.1	Mer.	206	130	
1022	9	46.89	2	1	36	59.68	39	15	1.9	Tr.	103	16	
1023	4.5	48.74	5	1	37	6.38	16	43	46.4	Tr.	197	68	
1024	9	46.81	2	1	37	45.21	34	35	....	Tr.	98	16	
1025	7	46.92	2	1	37	55.32	35	9	35.7	Mu.	83	24	
1026	10	48.74	2	1	37	57.62	16	38	39.1	Tr.	197	69	
1027	7	46.82	2	1	38	4.85	29	28	....	Tr.	101	3	
1028	9.10	48.91	1	1	38	5.09	27	20	53.7	Mu.	210	39	
1029	8.9	46.98	3	1	38	9.34 [4]	33	34	56.8	Mu.	85	23	[4] One of four threads rejected; R. A. = $10^s.06$.
1030	9.10	47.80	4	1	38	9.53	26	36	20.1	Mer.	111	15	
	9	47.72	3			9.60			20.0	Tr.	136	130	
1031	8	46.82	2	1	38	10.83	29	17	....	Tr.	101	4	
1032	7.8	46.71	3	1	38	16.13	27	6	52.5	Mer.	62	132	
	9	46.77	2			16.38			51.3	Tr.	90	45	
	9	47.71	1			16.54			49.4	Tr.	135	59	
	9	48.91	1			16.62			50.1 [5]	Mu.	210	40	[5] Decl. changed one rev. south.
1033	9	47.93	2	1	38	19.50	22	44	28.2	Mer.	116	27	
1034	8.9	48.91	1	1	38	35.70	27	9	0.8 [6]	Mu.	210	41	[6] Decl. changed one rev. south.
	8	47.71	1			35.76			1.7	Tr.	135	60	
	9.10	46.71	3			35.81			4.4	Mer.	62	133	
	7	46.77	1			35.94			3.6	Tr.	90	46	
	8	47.71	3			36.22			2.7	Mer.	108	1	
1035	6	46.72	7	1	38	37.01	25	48	15.8	Mer.	66	165	
	5	47.68	5			37.17			17.9	Tr	129	98	
	6	47.96	7			37.22			13.8	Mu.	149	49	
1036	10	46.79	1	1	38	37.56	28	9	47.7	Tr.	95	11	
	9	47.80	3			37.59			49.4	Mu.	140	59	
	8.9	46.71	4			37.94			50.1 [7]	Mer.	65	6	[7] Decl. changed ten rev. north.
1037	7	46.77	1	1	38	46.72	27	3	39.4	Tr.	90	47	
	8	47.71	1			47.11			37.9	Tr.	135	61	
1038	8	46.78	2	1	38	49.53	36	51	....	Tr.	92	23	
1039	10	48.78	1	1	38	58.61	18	12	11.4	Mu.	207	86	
1040	7.8	47.80	5	1	39	4.54	28	5	58.7	Mu.	140	60	
	5	46.79	3			4.60			58.5	Tr.	95	12	
	7	46.71	3			4.83 [8]			61.3 [9]	Mer.	65	7	[8] One of four threads rejected; R. A. = $3^s.80$.
1041	10	46.81	2	1	39	17.29	34	15	....	Tr.	98	17	[9] Micrometer rev. assumed.
1042	8	47.93	3	1	39	38.79	24	46	16.0	Tr.	149	25	
1043	5	46.82	2	1	39	53.25 [10]	43	8	3.3	Mer.	79	12	[10] One thread decreased one thread interval.
1044	9	47.79	5	1	39	58.59	30	56	43.8	Mer.	206	131	
1045	9	47.80	1	1	40	0.81	28	25	13.7	Mu.	140	61	
1046	7	48.78	2	1	40	3.26	18	14	3.8	Mu.	207	87	
1047	9	46.77	1	1	40	12.33	26	26	45.4	Tr.	90	48	
	9	46.77	2			12.35 [11]			45.8	Mu.	70	38	[11] One of three threads rejected; R. A. = $13^s.77$.
	10	47.80	2			12.52			46.6	Mer.	111	16	
	9	47.72	2			12.59			47.2	Tr.	136	131	
1048	10	46.82	2	1	40	30.59	29	32	....	Tr.	101	6	
1049	9	46.98	2	1	40	33. . . [12]	33	26	42.1	Mu.	85	24	[12] Separate threads give $33^s.09$, $34^s.50$.
1050	8	46.82	2	1	40	34.42	29	26	....	Tr.	101	5	
1051	9	46.71	6	1	40	43.24	27	29	19.4	Mer.	62	134	
	9	48.91	3			43.26			19.2	Mu.	210	42	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
1052	8	47.93	3	1	40	49.83[1]	30	28	15.2	Mer.	214	4	[1] R. A. increased 1 min.
	9	46.82	3			50.03			13.4	Tr.	99	22	
	8	47.79	3			50.37			12.1	Mer.	206	132	
1053	10	47.93	1	1	40	58.62	22	58	31.6	Mer.	116	28	
1054	7	46.82	3	1	40	59.21	43	23	23.7	Mer.	79	13	
1055	9	46.71	1	1	40	59.27	27	54	14.8	Mer.	65	8	
1056	10	47.80	3	1	41	18.05	26	21	1.2	Mer.	111	17	
	9	47.72	3			18.24[2]			2.4	Tr.	136	132	[2] One of four threads rejected; R. A.=$19^{s}.01$.
1057	9	47.82	3	1	41	21.73	22	58	8.0	Tr.	144	4	
	9	47.93	1			21.78			9.8	Mer.	116	29	
1058	9	47.71	2	1	41	21.75	26	51	1.4	Tr.	135	62	
1059	8	47.71	1	1	41	39.69	27	0	11.0	Tr.	135	63	
	8	47.71	2			39.81[3]			7.5	Mer.	108	2	[3] R. A. increased 1 min. One thread decreased one thread interval.
	7	46.77	2			39.85			9.6	Tr.	90	49	
1060	9.10	48.91	1	1	41	39.90	27	18	12.6	Mu.	210	43	
1061	8	47.82	2	1	41	41.72	24	37	12.5[4]	Mer.	114	1	[4] Decl. changed one rev. south.
1062	5.6	47.71	1	1	41	55.42	26	53	59.2	Tr.	135	64	
1063	9	48.81	4	1	41	56.96	18	44	33.6	Tr.	209	43	
1064	8	46.81	2	1	42	3.61	34	22	....	Tr.	98	18	
1065	7	46.77	2	1	42	4.53	26	46	52.7	Tr.	90	50	
	8	47.71	1			4.58			53.9	Tr.	135	65	
1066	9	47.82	1	1	42	6.54	23	5	3.1	Tr.	144	5	
1067	9	46.89	3	1	42	12.62	39	23	58.0	Tr.	103	17	
1068	9.10	47.80	2	1	42	21.17	27	48	55.0	Mu.	140	62	
	9	46.71	3			21.28			57.7	Mer.	62	135	
	9	46.71	3			21.46			55.1	Mer.	65	9	
	8	47.67	3			21.49			49.8	Tr.	127	71	
1069	8	47.80	1	1	42	28.59	28	31	22.9	Mu.	140	63	
	7	46.79	2			28.75			24.7	Tr.	95	13	
	7	46.88	2			28.90			22.5	Mu.	79	1	
1070	10	48.74	1	1	42	46.53	16	31	7.6	Tr.	197	70	
1071	9	48.78	2	1	42	50.88	18	14	38.7	Mu.	207	88	
1072	9	46.71	2	1	42	55.11	27	52	37.4	Mer.	65	10	
1073	9	46.71	1	1	42	57.15	27	45	16.9	Mer.	65	11	
	9	48.91	1			57.77			16.2	Mu.	210	44	
1074	9	47.72	2	1	42	58.09	26	11	24.4	Tr.	136	133	
	10	47.80	1			58.28			22.2	Mer.	111	18	
1075	8	46.92	2	1	42	59.53	35	12	22.8	Mu.	83	25	
1076	7	46.82	2	1	43	6.84	29	47	....	Tr.	101	7	
	8	46.82	5			7.03			12.2	Mu.	76	44	
	6	47.93	7			7.16			14.8	Mer.	214	5	
1077	9	47.93	2	1	43	12.87[5]	25	17	10.0	Tr.	149	26	[5] One of three threads rejected; R. A. =$14^{s}.14$.
	9	47.96	4			13.09[6]			10.9	Mu.	149	50	[6] Two threads increased 10 sec. each.
1078	9	47.82	1	1	43	19.09	23	30	48.0	Tr.	144	6	
	8	47.82	2			19.22			49.0	Mu.	145	2	
1079	9	47.82	2	1	43	19.60	24	31	6.5	Mer.	114	2	
1080	5.6	46.89	3	1	43	20.14	39	9	37.2	Tr.	103	18	
1081	8	46.89	2	1	43	23.28[7]	36	17	3.6	Mu.	80	6	[7] One of three threads rejected; R. A.=$24^{s}.20$.
1082	8	46.82	2	1	43	27.48	43	20	30.5	Mer.	79	14	
1083	9	46.89	2	1	43	35.04	39	34	26.1	Tr.	103	19	
1084	10	47.82	1	1	43	41.34	24	21	6.1	Mer.	114	3	
1085	9	46.82	2	1	43	42.20	29	23	....	Tr.	101	8	
1086	6.7	46.82	4	1	44	11.45	43	15	9.3	Mer.	79	15	
1087	8	47.93	1	1	44	11.96	25	10	16.0[8]	Tr.	149	27	[8] Decl. changed one wire interval north.
1088	10	46.81	2	1	44	19.95	34	22	....	Tr.	98	19	
1089	11	46.82	2	1	44	23.27	29	19	....	Tr.	101	9	
1090	10	48.74	4	1	44	25.56	17	2	51.3	Tr.	197	71	
1091	10	48.78	3	1	44	31.24	16	23	....	Tr.	202	1	
1092	9	47.82	2	1	44	35.36	22	54	43.9	Tr.	144	7	
	9	47.93	3			35.65[9]			46.3[10]	Mer.	116	30	[9] One of four threads rejected; R. A.=$34^{s}.65$.
1093	8	47.82	3	1	44	53.65	23	53	31.7	Mu.	145	3	[10] Decl. changed one rev. north.
1094	9	48.91	2	1	45	6.44[11]	27	51	21.3	Mu.	210	45	[11] One of three threads rejected; R. A.=$7^{s}.21$.
	9	47.67	2			6.74[12]			21.8	Tr.	127	72	[12] R. A. increased one thread interval.
	9	46.71	5			6.80			21.2	Mer.	65	12	
	9	47.80	1			7.04			20.3	Mu.	140	64	
1095	8	47.93	2	1	45	15. . .[13]	29	46	18.5	Mer.	214	6	[13] Separate threads give $15^{s}.65$, $14^{s}.47$.
1096	8	46.88	4	1	45	21.00	28	29	58.3	Mu.	79	2	
	8	46.79	3			21.06			61.2	Tr.	95	14	
	9	47.80	1			21.61[14]			59.6	Mu.	140	66	[14] R. A. increased 5 sec.
1097	9	46.72	5	1	45	22.60	25	47	17.7	Mer.	66	166	
	9	47.96	3			22.86			18.0	Mu.	149	51	
	10	47.68	3			23.24			22.2	Tr.	129	99	
1098	9	46.89	2	1	45	28.06	39	37	33.7	Tr.	103	20	
1099	9	47.82	1	1	45	37.89	23	10	31.5	Tr.	144	8	
1100	10	48.91	1	1	45	41.25	27	18	40.9	Mu.	210	46	
1101	10	48.91	1	1	45	43.22	27	20	12.3	Mu.	210	47	
1102	8.9	46.82	3	1	45	46.48	31	1	55.7	Tr.	99	23	
	8	47.79	3			47.06[15]			49.2	Mer.	206	133	[15] Three of six threads rejected; R. A.=$45^{s}.78$, $48^{s}.25$, $46^{s}.29$.
1103	10	48.74	3	1	45	47.81	17	13	54.8	Tr.	197	72	
1104	9	47.80	2	1	45	49.85	27	59	12.1	Mu.	140	65	
	9	46.79	2			50.03			9.3	Tr.	95	15	
	9	46.71	4			50.06			12.7	Mer.	65	13	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
1105	9	46.77	3	1	45	55.05	26	34	6.2	Mu.	70	39	
	8	46.77	3			55.06			6.8	Tr.	90	51	
	8	47.72	3			55.06			7.9	Tr.	136	134	
	9	47.80	4			55.07			4.9	Mer.	111	19	
	8	47.71	2			55.09			0.9	Tr.	135	66	
1106	7.8	46.92	3	1	45	57.01	34	56	8.4	Mu.	83	26	
1107	9	48.78	3	1	45	57.25	18	7	42.3	Mu.	207	89	
1108	9	46.89	2	1	45	59.16	39	29	16.2	Tr.	103	21	
1109	9	46.98	2	1	46	3.12	33	58	57.1	Mu.	85	25	
1110	8	47.93	2	1	46	22.83	24	56	57.4	Tr.	149	28	
1111	8	46.98	2	1	46	24.19	34	2	56.4	Mu.	85	26	
1112	9	47.82	1	1	46	44.18	23	52	13.9	Mu.	145	4	
1113	10	48.74	1	1	46	47.74	16	43	36.9	Tr.	197	73	
1114	7	46.81	2	1	46	48.55	34	18	....	Tr.	98	20	
1115	9	48.78	1	1	46	53.80	17	46	54.9	Mu.	207	90	
1116	5.6	46.89	2	1	46	55.47	39	20	8.8	Tr.	103	22	
1117	8	47.79	3	1	47	4.86	31	2	41.6	Mer.	206	134	
1118	10	47.80	1	1	47	24.18	26	21	25.4[1]	Mer.	111	20	[1] Decl. changed two wire intervals south.
	9	47.72	2			25.09			26.8[2]	Tr.	136	135	[2] Decl. changed two rev. south.
1119	9	46.81	2	1	47	26.41	34	31	....	Tr.	98	21	
1120	10	47.71	3	1	47	32.87	27	4	61.3	Mer.	108	3	
	9	46.77	3			33.11			60.8	Tr.	90	52	
	9	47.71	3			33.21			59.5	Tr.	135	67	
1121	9	47.93	1	1	48	3.25	29	51	24.4	Mer.	214	7	
1122	6.7	46.72	2	1	48	7.38	25	37	45.2	Mer	66	168	
	8	47.68	3			7.69[3]			45.2	Tr.	129	100	[3] Separate threads give $7^{s}.21$, $7^{s}.74$, $8^{s}.11$.
	7.8	47.96	4			8.06			44.5	Mu.	149	52	
1123	3.4	46.82	7	1	48	8.15	43	14	2.6	Mer	79	16	
1124	10	46.81	2	1	48	11.04	34	16	....	Tr.	98	22	
1125	8	46.72	2	1	48	19.35	26	6	21.4	Mer.	66	167	
	8.9	46.77	5			19.65			20.2	Mu.	70	40	
	8	47.72	4			19.71			15.6	Tr.	136	136	
1126	9	47.96	1	1	48	21.38	25	17	45.4	Mu.	149	53	
1127	10	47.93	3	1	48	24.67	22	47	7.8	Mer.	116	31	
1128	7.8	46.88	4	1	48	42.17	28	26	59.1	Mu.	79	3	
	8	46.79	3			42.24			58.3	Tr.	95	16	
	9	47.80	3			42.34			58.0	Mu.	140	67	
1129	9	48.78	1	1	48	42.99	17	56	40.2	Mu.	207	91	
1130	9	48.91	2	1	48	47.07	27	13	37.2	Mu.	210	48	
	9	47.71	2			47.27			36.0	Tr.	135	68	
	10	47.71	1			47.44			35.6[4]	Mer.	108	4	[4] The record erroneous; 4.922 rev. reduced for 41.922.
1131	9	47.82	1	1	48	52.19	23	18	53.4	Tr.	144	9	
1132	10	47.93	2	1	48	53.71	22	33	40.1	Mer.	116	32	
1133	10	48.74	1	1	48	57.73	16	30	12.7	Tr.	197	74	
1134	8	46.82	5	1	49	1.79	29	51	2.9	Mu.	76	45	
	6	47.93	3			1.85			3.2	Mer.	214	8	
1135	9	47.82	4	1	49	11.39	24	9	25.6	Mer.	114	4	
	9	48.01	2			11.77[5]			24.3	Mu.	150	1	[5] R. A. decreased one thread interval.
	8	47.82	1			11.89			26.4	Mu.	145	5	
1136	8	47.93	2	1	49	18.75	24	52	10.4	Tr.	149	29	
1137	7	47.93	1	1	49	20.67	24	58	10.5	Tr.	149	30	
1138	9	47.68	3	1	49	20.81	26	0	58.5	Tr.	129	101	
	8	46.72	3			20.86			55.8	Mer.	66	169	
	9	47.96	1			20.96			57.2	Mu.	149	54	
	8.9	46.77	3			20.98			56.7	Mu.	70	41	
	8	47.72	3			20.98			57.4[6]	Tr.	136	137	[6] Decl. changed two rev. south.
	9	47.80	3			21.07			55.9	Mer.	111	21	
1139	9	48.81	3	1	49	38.10	18	44	25.6[7]	Tr.	209	44	[7] Decl. changed one wire interval south.
	10	48.80	5			38.32			28.0	Tr.	207	1	
1140	4.5	47.82	3	1	49	38.85	23	15	40.2	Tr.	144	10	
1141	7	46.81	2	1	49	45.28	34	28	....	Tr.	98	23	
1142	8	46.82	2	1	49	45.94	29	36	....	Tr.	101	10	
	8	47.71	5			45.97			26.5	Mu.	133	1	
1143	9	47.80	4	1	49	46.88	28	17	54.9	Mu.	140	68	
	8	46.71	5			47.03			55.6	Mer.	65	14	
	9	46.79	3			47.09			55.2	Tr.	95	17	
1144	10	47.82	2	1	49	47.11	24	20	15.4	Mer.	114	5	
1145	7	46.82	5	1	49	54.26	32	52	26.9	Mu.	78	1	
1146	8.9	46.98	4	1	49	59.76	33	42	15.9	Mu.	85	27	
1147	8.9	47.80	3	1	50	4.83	26	21	18.9	Mer.	111	22	
	8	46.77	2			5.10[8]			21.0	Mu.	70	42	[8] R. A. decreased one thread interval.
	7.8	47.72	2			5.37			18.5	Tr.	136	138	
1148	7	48.81	1	1	50	5.95	18	24	42.6	Tr.	209	45	
	8	48.78	1			6.17			41.6	Mu.	207	92	
1149	10	48.91	1	1	50	12.50[9]	27	32	42.1	Mu.	210	50	[9] "Time of transit doubtful."
1150	8	47.67	3	1	50	20.88[10]	27	22	44.9	Tr.	127	73	[10] One of four threads rejected; R. A.=$30^{s}.22$.
	9	48.91	3			21.00			45.0	Mu.	210	49	
	10	47.71	1			21.39			50.2[11]	Mer.	108	5	[11] Decl. changed ten rev. south.
1151	10	46.81	2	1	50	26.23	34	25	....	Tr.	98	24	
1152	9	47.71	2	1	50	26.76	26	56	59.0	Tr.	135	69	
	8	46.77	3			26.85			57.0	Tr.	90	53	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
1153	8	46.92	3	1	50	27.56	34	40	29.9	Mu.	83	27	
1154	9	48.78	2	1	50	27.63	18	27	23.0	Mu.	207	93	
1155	9.10	46.88	2	1	50	30.22	28	28	46.5	Mu.	79	4	
1156	9	48.74	2	1	50	33.50	16	51	54.1	Tr.	197	75	
1157	9	46.72	3	1	50	37.67	26	14	37.2	Mer.	66	170	
	9	47.72	3			37.99			25.9	Tr.	136	139	
	9	46.77	2			38.49			24.8	Mu.	70	43	
1158	9	47.93	2	1	50	46.31	22	37	59.6	Mer.	116	33	
1159	9	48.91	1	1	51	2.14[1]	27	47	13.6	Mu.	210	51	[1] R. A. decreased 1 min.
	9	46.71	4			2.15			17.2	Mer.	65	15	
1160	8	47.71	1	1	51	3.36	29	34	53.1	Mu.	133	2	
	7	46.82	2			3.71			....	Tr.	101	11	
1161	9	46.71	3	1	51	6.87	27	40	11.9	Mer.	65	16	
	9	48.91	1			7.11[2]			....	Mu.	210	52	[2] R. A. decreased 1 min.
1162	8	46.82	2	1	51	16.28	29	32	....	Tr.	101	12	
	8	47.71	1			16.46			48.5	Mu.	133	3	
1163	9	46.82	2	1	51	36.32[3]	32	43	19.1	Mu.	78	2	[3] One of three threads rejected; R. A.=$35^{s}.15$.
1164	7	46.98	5	1	51	49.33	33	47	53.1	Mu.	85	28	
1165	10	46.81	2	1	51	51.50	34	9	....	Tr.	98	25	
1166	10	48.80	4	1	51	54.51	18	47	26.4	Tr.	207	2	
	10	48.81	2			54.98			29.4	Tr.	209	46	
1167	10	48.78	2	1	51	59.43	15	51	....	Tr.	202	2	
1168	7	47.82	2	1	51	59.67[4]	23	39	5.0	Mu.	145	6	[4] One of three threads rejected; R. A.=$60^{s}.47$.
	9	48.01	4			59.74[5]			6.5	Mu.	150	2	[5] Two threads increased 1 sec. each.
1169	9	48.01	4	1	52	0.29[6]	23	39	10.5	Mu.	150	3	[6] Two threads increased 1 sec. each.
	7	47.82	2			0.64			7.5	Mu.	145	7	
1170	10	47.93	2	1	52	1.57	22	59	59.2	Mer.	116	34	
	9	47.82	1			2.00			58.9[7]	Tr.	144	11	[7] Decl. changed one wire interval south.
1171	9	48.91	1	1	52	1.92[8]	27	14	19.2[9]	Mu	210	53	[8] R. A. decreased 1 min.
	9	47.71	2			2.52			25.7	Tr.	135	70	[9] Decl. changed one rev. south.
1172	9.10	47.80	1	1	52	4.09	26	35	53.8	Mer.	111	23	
	9	47.72	2			6.17			59.1	Tr.	136	140	
1173	11	46.79	2	1	52	10.58	27	58	56.4	Tr.	95	18	
	9	46.71	3			10.89			56.4	Mer.	65	17	
1174	8	47.96	2	1	52	21.15	24	42	35.7[10]	Tr.	151	1	[10] Decl. changed one wire interval south.
1175	9	47.82	3	1	52	26.11	24	10	[15.6][11]	Mer.	114	6	[11] Decl. changed one wire interval north. Record confused; Decl. may be 1″.8.
1176	5	47.71	3	1	52	26.60	27	9	47.6	Tr.	135	71	
	6	46.77	4			26.97			47.8	Tr.	90	54	
	7.8	48.91	..			27...			46.6	Mu.	210	54	
	9	47.71	3			27.12			40.6	Mer.	108	6	
1177	8	46.88	3	1	52	39.67	28	40	10.7	Mu.	79	5	
1178	9.10	47.80	4	1	52	43.27	28	14	58.5	Mu.	140	69	
	9	46.71	3			43.56			62.4	Mer.	65	18	
	8	46.88	1			43.76			56.4	Mu.	79	6	
1179	6	46.82	5	1	52	47.15[12]	43	40	50.7	Mer.	79	17	[12] One of six threads rejected; R. A.=$48^{s}.01$.
1180	9	46.79	1	1	52	57.47	28	12	4.9	Tr.	95	19	
	9	47.80	3			57.65			2.2	Mu.	140	70	
	9	46.71	2			57.85			6.4	Mer.	65	19	
1181	11	48.74	3	1	53	4.74	17	4	29.9	Tr.	197	76	
1182	8	47.93	3	1	53	14.87	29	47	26.6	Mer.	214	9	
	11	46.82	2			15.08			....	Tr.	101	13	
1183	8.9	46.82	2	1	53	20.24	32	28	47.3	Mu.	78	3	
1184	9	46.82	3	1	53	28.13	30	35	40.2[13]	Tr.	99	24	[13] Decl. changed one wire interval south.
	8	47.79	3			28.14			40.2	Mer.	206	135	
1185	10	47.93	2	1	53	28.66	22	48	16.9	Mer.	116	35	
1186	10	46.81	2	1	53	31...[14]	34	2	....	Tr.	98	26	[14] Separate threads give $30^{s}.92$, $31^{s}.85$.
1187	9	47.71	1	1	53	35.17	26	57	14.3	Tr.	135	72	
	9	46.77	1			35.63			17.1	Tr.	90	55	
1188	8	47.93	1	1	53	36.49	30	14	16.5	Mer.	214	10	
1189	9	47.79	1	1	53	41.06	30	30	30.4	Mer.	206	136	
1190	11	47.80	4	1	53	43.83	26	2	41.0	Mer.	111	24	
	9	47.72	3			43.92			40.9	Tr.	136	141	
	9	46.77	3			43.93			40.3	Mu.	70	44	
	10	46.72	4			43.97			40.8	Mer.	66	171	
1191	8	47.93	3	1	53	46.89	25	8	47.8	Tr.	149	31	
1192	9	46.82	2	1	53	48.82	32	33	46.9	Mu.	78	4	
1193	10	48.81	4	1	53	54.51	18	51	60.2	Tr.	209	47	
	12	48.80	3			54.67			59.8	Tr.	207	3	
1194	9.10	47.96	1	1	54	3.35	25	14	19.9	Mu.	149	55	
1195	12	47.68	2	1	54	10.13	25	48	56.4	Tr.	129	102	
1196	9	46.79	3	1	54	16.78	28	20	10.1	Tr.	95	20	
	9	47.80	2			16.81			9.3	Mu.	140	71	
	9	46.71	4			16.97			6.6	Mer.	65	20	
1197	8	47.79	1	1	54	26.30	30	53	45.0[15]	Mer.	206	137	[15] Decl. changed one rev. north.
1198	6.7	47.79	2	1	54	32.64	30	43	....	Mer.	206	138	
	5	46.82	3			32.90			27.9	Tr.	99	25	
1199	8	47.93	2	1	54	34.15	30	13	51.1	Mer.	214	11	
	9	46.82	1			34.17			51.5	Mu.	76	46	
1200	9	46.77	1	1	54	42.25	26	21	35.5	Mu.	70	45	
	9	47.80	3			42.37			31.8	Mer.	111	25	
	8	47.72	2			42.47			35.6	Tr.	136	142	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
1201	9	47.96	2	1	54	50.15	24	36	12.7	Tr.	151	2	
	10	47.82	2			50.49			15.1	Mer.	114	7	
1202	9	47.71	1	1	54	50.43	27	13	13.8	Tr.	135	73	
	10	47.71	2			50.51[1]			15.0	Mer.	108	7	[1] R. A. decreased 1 min.
1203	9.10	46.72	4	1	55	8.66	26	10	8.4	Mer.	66	172	
	9	47.72	1			8.94			13.6[2]	Tr.	136	143	[2] Decl. changed two rev. south.
1204	8	47.93	3	1	55	14.56	24	46	1.6	Tr.	149	32	
1205	9	46.89	1	1	55	31.85	39	31	21.4	Tr.	103	23	
1206	8	47.93	3	1	55	34.81[3]	22	41	32.9[4]	Mer.	116	36	[3] One of four threads rejected; R. A. = $35^{s}.75$.
1207	7.8	47.71	3	1	55	35.14	29	3	46.4	Mu.	133	4	[4] Decl. changed five rev. north.
	8	46.82	2			35.32			....	Tr.	101	14	
1208	10	46.81	2	1	55	43.69	34	3	....	Tr.	98	28	
1209	5.6	47.79	1	1	55	45.73	30	23	28.2	Mer.	206	139	
	5	47.93	3			44.76			25.8	Mer.	214	12	
	6.7	46.82	5			44.93			28.3	Mu.	76	47	
	5	46.82	3			45.00			28.5	Tr.	99	26	
1210	8	47.67	3	1	55	45.07[5]	27	28	1.5	Tr.	127	74	[5] R. A. increased one thread interval.
	8	48.91	5			45.27			0.9	Mu.	210	55	
1211	10	48.78	7	1	55	45.63	16	1	....	Tr.	202	3	
1212	9	46.81	2	1	55	45.93	34	21	....	Tr.	98	27	
1213	6	47.96	2	1	55	55.92	24	36	34.7	Tr.	151	3	
	9	47.82	2			56. . .[6]			37.8	Mer.	114	8	[6] Separate threads give $55^{s}.98$, $56^{s}.97$.
1214	9	47.93	1	1	56	1.71	22	38	1.8	Mer.	116	37	
1215	10	48.81	3	1	56	10.51	18	29	26.9	Tr.	209	48	
	10	48.78	1			11.25			22.6	Mu.	207	94	
1216	9	47.96	3	1	56	17.35	25	30	38.4[7]	Mu.	149	56	[7] Decl. changed five rev. south.
1217	9.10	48.91	2	1	56	27.77	27	31	51.9	Mu.	210	56	
1218	9.10	46.72	3	1	56	31.66	25	51	1.1	Mer.	66	173	
	9	47.96	2			31.80			2.9	Mu.	149	57	
1219	7	48.78	3	1	56	45.80	18	14	8.8	Mu.	207	95	
1220	10	47.93	1	1	57	11.71	22	45	1.0	Mer.	116	38	
1221	9	48.81	2	1	57	19.93	18	44	21.6	Tr.	209	49	
1222	9	48.74	3	1	57	20.01	16	56	11.1	Tr.	197	77	
1223	7	46.88	2	1	57	24.02	33	14	26.8	Tr.	102	1	
1224	9	48.74	1	1	57	29.17	17	0	31.8	Tr.	197	78	
1225	8	48.78	2	1	57	37.35	18	0	30.4	Mu.	207	96	
1226	9.10	48.91	1	1	57	45.44	27	19	30.4	Mu.	210	57	
1227	6.7	46.82	5	1	57	45.89	30	1	6.3	Mu.	76	48	
	4	47.93	7			46.07			4.4[8]	Mer.	214	13	[8] Decl. changed two wire intervals south.
1228	12	48.78	2	1	57	46.48[9]	16	24	....	Tr.	202	4	[9] Separate threads give $46^{s}.85$, $46^{s}.11$.
1229	9	46.98	3	1	58	7.94	33	48	17.6	Mu.	85	29	
1230	7	47.71	2	1	58	9.71	29	4	46.6	Mu.	133	5	
	8	46.82	2			9.88			....	Tr.	101	15	
1231	9.10	47.82	1	1	58	24.50[10]	23	59	7.0[11]	Mu.	143	1	[10] "Time of transit doubtful."
1232	7	47.71	1	1	58	30.94	29	5	52.3	Mu.	133	6	[11] Decl. changed one rev. south.
	7	46.82	2			31.43			....	Tr.	101	16	
1233	7	47.71	2	1	58	31.37	29	16	36.2	Mu.	133	7	
1234	8.9	47.93	3	1	58	42.84	25	5	35.3	Tr.	149	33	
1235	9	48.78	1	1	58	44.95	18	1	53.0	Mu.	207	97	
1236	8	47.79	4	1	58	51.83	31	1	38.8[12]	Mer.	206	140	[12] Decl. changed one wire interval south.
1237	10	47.93	2	1	58	58.75[13]	22	28	28.3	Mer.	116	39	[13] R. A. decreased 1 min. Separate threads give $58^{s}.39$, $59^{s}.12$.
1238	8.7	47.82	3	1	59	0.62	22	52	15.7	Tr.	144	12	
1239	9.10	47.82	1	1	59	6.16	24	7	7.1	Mu.	143	2	
1240	10	48.78	2	1	59	8.27	16	9	....	Tr.	202	5	
1241	8	46.82	6	1	59	8.89	43	25	59.3	Mer.	79	18	
1242	8	47.93	4	1	59	28.16	29	56	30.0	Mer.	214	14	
1243	11	47.68	3	1	59	33.45	25	23	44.5	Tr.	129	103	
	9	47.96	2			34.30[14]			41.8	Mu.	149	58	[14] One of three threads rejected; R. A. = $33^{s}.22$.
1244	8	47.96	3	1	59	34.84	24	17	4.6	Tr.	151	4	
	9	47.82	4			35.07			5.7	Mer.	114	9	
1245	9	46.81	2	1	59	36.78	34	36	....	Tr.	98	29	
1246	10	46.88	1	1	59	45.75	33	13	2.7	Tr.	102	2	
1247	9.10	48.91	2	1	59	51.65	27	32	38.9	Mu.	210	58	
1248	8	48.81	2	2	0	12.65[15]	18	20	57.3	Tr.	209	50	[15] One of three threads rejected; R. A. = $11^{s}.94$.
1249	10	47.71	6	2	0	12.76	26	46	60.6	Mer.	108	8	
	9	47.71	2			13.10			57.9	Tr.	135	74	
	9	46.77	1			13.18			57.6	Tr.	90	56	
1250	10	48.74	2	2	0	25.48	17	1	38.3	Tr.	197	79	
1251	8	46.88	4	2	0	25.63	28	31	59.1	Mu.	79	8	
	9	47.80	1			25.63			60.9	Mu.	140	72	
	9	47.79	3			25.85			....	Tr.	139	11[16]	[16] Published in Washington Observations for 1870, Appendix IV, at 1^{h} instead of 2^{h} and as Tr. 138, No. 126.
1252	8	47.93	2	2	0	25.80	30	15	38.5[17]	Mer.	214	15	
	8	47.79	2			26.23			37.8	Mer.	206	141	
1253	8	47.71	2	2	0	42.26	29	36	41.6	Mu.	133	8	[17] Decl. changed one wire interval south.
	8	46.82	3			42.37[18]			41.5	Mu.	76	49	[18] One of four threads rejected; R. A. = $41^{s}.64$.
	7	46.82	2			42.53			....	Tr.	101	17	
1254	8	47.93	2	2	0	52.52	30	2	58.5	Mer.	214	16	
1255	9	47.96	3	2	0	58.18	25	15	58.9	Mu.	149	59	
1256	9	46.81	2	2	1	8.96	34	10	....	Tr.	98	30	
1257	10	47.68	3	2	1	20.80	25	24	31.8	Tr.	129	104	
	9	47.93	2			20.99			33.9	Tr.	149	34	
	9	47.96	1			21.01			27.8	Mu.	149	60	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
1258	7.8	47.79	3	2	1	21.85	28	17	....	Tr.	139	1	
	7	47.80	3			21.92			8.9	Mu.	140	73	
	7	46.88	2			22.04			9.5	Mu.	79	9	
	5	46.79	3			22.05			11.4	Tr.	95	21	
	7.8	46.71	4			22.14			7.1 [1]	Mer.	65	21	[1] Decl. changed ten rev. south. If instead Decl. be changed one wire interval south, Decl. = 14″.5.
1259	10	48.78	1	2	1	22.31	18	11	45.2	Mu.	207	98	
1260	10	48.91	2	2	1	26.34 [2]	27	44	29.9	Mu.	210	59	
1261	8.9	47.71	1	2	1	28.85 [3]	29	27	4.2	Mu.	133	9	[2] R. A. increased 10 sec.
1262	8	48.78	2	2	1	37.44	18	6	19.5	Mu.	207	99	[3] R. A. decreased 1 min.
1263	5	48.80	3	2	1	39.01	18	29	30.4	Tr.	207	4	
	6.7	48.81	2			39.09			31.3	Tr.	209	51	
1264	9	47.71	2	2	1	47.95	27	0	44.1	Tr.	135	75	
	9	46.77	1			48.24			40.3	Tr.	90	57	
1265	9	46.77	2	2	1	49.61	26	27	17.2	Mu.	70	46	
	8.9	47.72	7			49.74			18.1	Tr.	136	144	
	9	47.80	4			49.77			19.3	Mer.	111	26	
1266	10	47.82	2	2	1	54.45	24	44	41.8	Mer.	114	10	
1267	10	47.82	2	2	2	3.74	24	31	9.5	Mer.	114	11	
1268	6.7	47.82	5	2	2	8.71	23	42	10.2	Mu.	143	3	
	8	48.01	2			8.75 [4]			11.5	Mu.	150	4	[4] One of three threads rejected; R. A. = $7^{s}.77$.
	8	48.05	5			8.89			12.9	Mu.	155	1	
1269	9	47.79	1	2	2	11.20	28	7	....	Tr.	139	2	
	9	46.71	3			11.39			24.1	Mer.	65	22	
1270	9	47.96	3	2	2	11.71	24	28	42.7	Tr.	151	5	
1271	7.8	46.82	4	2	2	21.52	32	27	28.7	Mu.	78	5	
	7.8	47.02	2			21.55			27.3	Mer.	81	1	
1272	9	46.71	3	2	2	27.26	28	16	58.4 [5]	Mer.	65	23	[5] Decl. changed one rev. north.
	9	47.79	2			27.31			....	Tr.	139	3	
1273	8	47.93	2	2	2	29.79 [6]	29	52	1.0	Mer.	214	17	[6] R. A. increased 1 min.
1274	9	46.77	3	2	2	32.54	26	59	43.1	Tr.	90	58	
	10	47.71	4			32.69			40.4	Mer.	108	9	
1275	7.8	46.82	4	2	2	37.57	32	31	19.4	Mu.	78	6	
	8.9	47.02	1			37.56			10.5	Mer.	81	2	
1276	6.7	47.93	2	2	2	42.67	25	3	20.6	Tr.	149	35	
1277	10	46.79	1	2	2	45.17	28	29	55.9	Tr.	95	22	
1278	10	48.91	1	2	2	58.79	27	48	49.9	Mu.	210	60	
1279	6	47.93	2	2	3	0.42	29	43	8.3	Mer.	214	18	
	8	46.82	5			0.91			5.7 [7]	Mu.	76	50	[7] Decl. changed one rev. north.
	7	47.71	2			0.93			6.6	Mu.	133	10	
	7	46.82	2			0.99			....	Tr.	101	18	
1280	12	47.68	2	2	3	1.87	25	43	27.0	Tr.	129	105	
1281	9	48.78	1	2	3	7.88	17	54	32.0	Mu.	207	100	
1282	8	47.79	7	2	3	24.87	30	42	15.2	Mer.	206	142	
	9	47.02	2			24.93 [8]			19.8	Mu.	86	1	[8] Two of four threads rejected; R. A. = $17^{s}.78$, $15^{s}.99$.
	9	46.82	3			25.00			18.6	Tr.	99	27	
1283	9	47.80	1	2	3	42.37	28	31	34.1	Mu.	140	74	
	8	46.88	2			42.54			32.4	Mu.	79	10	
	9	47.79	2			43.03			....	Tr.	139	4	
1284	8	46.89	1	2	3	53.56	31	30	14.5	Mu.	81	1	
1285	8.9	46.77	4	2	4	9.03	26	9	49.7	Mu.	70	47	
	8.9	47.80	3			9.24 [9]			47.6 [10]	Mer.	111	27	[9] One of four threads rejected; R. A. = $14^{s}.84$.
1286	8	46.79	3	2	4	13.52	27	55	48.9	Tr.	95	23	[10] Decl. changed two wire intervals north.
	8.9	47.80	2			13.53			47.2	Mu.	140	75	
	9	48.91	4			13.56			48.1	Mu.	210	61	
	8.9	46.71	6			13.63			45.7	Mer.	65	24	
1287	8	47.79	1	2	4	16.51	31	0	8.4	Mer.	206	143	
1288	8	46.82	3	2	4	21.45	32	46	13.7	Mu.	78	7	
	6.7	46.88	2			21.56			15.3	Tr.	102	3	
1289	8	46.89	3	2	4	24.05	39	4	29.9	Tr.	103	24	
1290	7	48.78	1	2	4	26.56 [11]	18	27	5.7	Mu.	207	101	[11] R. A. decreased one thread interval.
	8	48.80	4			26.70			4.7	Tr.	207	5	
1291	11	46.82	1	2	4	28.11	30	56	16.3	Tr.	99	28	
	8	47.79	1			28.22			22.0	Mer.	206	144	
1292	8	47.93	3	2	4	32.48	29	53	6.7	Mer.	214	19	
1293	10	47.71	2	2	4	47.81	27	5	29.1	Mer.	108	10	
1294	9	47.93	3	2	4	56.87	25	3	8.1	Tr.	149	36	
1295	7	48.81	1	2	4	57.63	18	26	2.9	Tr.	209	52	
	7	48.78	2			57.71			8.9	Mu.	207	102	
	9	48.80	1			57.73			8.6	Tr.	207	6	
1296	8	47.93	1	2	5	0.55	30	7	55.2	Mer.	214	20	
1297	9	46.81	2	2	5	3.54	34	39	....	Tr.	98	31	
1298	10	47.93	1	2	5	6.55	22	15	54.2	Mer.	116	40	
1299	7.8	47.71	3	2	5	21.08	29	39	45.8	Mu.	133	11	
	9	46.82	2			21.47			....	Tr.	101	19	
1300	7	46.88	4	2	5	26.06	28	13	7.1	Mu.	79	11	
	7.8	46.79	2			26.10			8.9	Tr.	95	24	
	7.8	47.79	4			26.10			....	Tr.	139	5	
	8.9	46.71	5			26.10			11.0	Mer.	65	25	
	8	47.80	3			26.15			7.4	Mu.	140	76	
1301	9	46.88	1	2	5	28.54	33	2	12.8	Tr.	102	4	
1302	8	46.88	1	2	5	28.85	32	59	46.2	Tr.	102	5	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
1303	9	48.91	2	2	5	31. . . [1]	27	20	42.2	Mu.	210	62	[1] Separate threads give 30ˢ.74, 31ˢ.82. First thread somewhat doubtful.
1304	9	47.71	5	2	5	47.58 [2]	27	1	37.1	Mer.	108	11	
	7.8	46.77	3			47.71			36.2	Tr.	90	59	[2] R. A. decreased 1 min.
1305	10	47.80	3	2	6	5.54	26	30	35.6	Mer.	111	28	
1306	3.4	46.89	3	2	6	17.98	31	25	42.3	Mu.	81	2	
1307	8	48.01	3	2	6	19.15	23	34	34.3	Mu.	150	5	
	8	48.05	6			19.33			37.4	Mu.	155	2	
	7	47.82	5			19.36			35.7	Mu.	143	4	
1308	9	47.79	1	2	6	25.61	28	35	. . . .	Tr.	139	6	
1309	10	47.80	2	2	6	43.55	26	2	14.0	Mer.	111	29	
1310	10	46.82	2	2	6	43.80	29	23	. . . .	Tr.	101	20	
	8.9	47.71	3			44.36			34.6	Mu.	133	12	
1311	11	46.82	1	2	6	43.93	29	40	. . . . [3]	Tr.	101	21	[3] Decl. changed one wire interval south.
	9	47.71	1			44.10			32.1	Mu.	133	13	
	7	47.93	3			44.26 [4]			31.7	Mer.	214	21	[4] One of four threads rejected; R. A.=43ˢ.52.
1312	9	47.68	3	2	6	46.11	25	29	46.3	Tr.	129	106	
1313	10	48.80	4	2	6	46.45	18	40	22.1	Tr.	207	7	
	8	48.81	2			46.52			21.5	Tr.	209	53	
1314	7.8	46.98	5	2	7	1.04	34	2	23.3	Mu.	85	30	
	6	46.81	2			1.14			. . . .	Tr.	98	32	
1315	10	48.78	1	2	7	24.93	18	29	29.5	Mu.	207	103	
1316	7	47.79	3	2	7	35.95	28	36	. . . .	Tr.	139	7	
	7	46.88	4			35.98			22.1	Mu.	79	12	
1317	9	47.82	4	2	8	9.01	24	14	20.7 [5]	Mer.	114	12	[5] Decl. changed ten rev. south.
	7	47.96	3			9.01			23.5	Tr.	151	6	
1318	10	48.78	2	2	8	18.68	16	40	. . . .	Tr.	202	6	
1319	8	47.93	4	2	8	19.64	29	53	16.6	Mer.	214	22	
1320	8.9	47.79	3	2	8	20.50	30	21	7.6	Mer.	206	145	
1321	9	48.01	3	2	8	22.09	23	58	58.7	Mu.	150	6	
	9	48.05	4			22.32			58.3	Mu.	155	3	
	8	47.82	3			22.50			57.2	Mu.	143	5	
1322	10	47.79	2	2	8	29.43	28	8	. . . .	Tr.	139	8	
	9	46.71	4			29.44			45.6	Mer.	65	26	
1323	10	46.77	1	2	8	33.34	26	36	49.1	Tr.	90	60	
1324	11	48.80	3	2	8	42.46	18	56	0.0	Tr.	207	8	
	9	48.81	3			42.54			0.2	Tr.	209	54	
1325	9	48.01	2	2	8	42.68	24	4	6.7	Mu.	150	7	
	9	48.05	3			42.72 [6]			7.3	Mu.	155	4	[6] One of four threads rejected; R. A.=43ˢ.50.
	8	47.82	4			42.73			8.3	Mu.	143	6	
1326	9	47.82	1	2	8	44.70	23	17	55.2	Tr.	144	13	
1327	8.9	46.88	2	2	8	45.94	33	9	59.3	Tr.	102	6	
1328	8	47.93	1	2	8	52.32	30	7	7.3	Mer.	214	23	
1329	7	48.01	1	2	8	52.66	27	13	21.4 [7]	Mu.	151	1	[7] Decl. changed ten rev. south.
	7	46.77	1			52.76			24.5	Tr.	90	61	
	8	48.91	5			52.78			20.9	Mu.	210	63	
	9	47.71	4			52.81 [8]			22.8	Mer.	108	12	[8] R. A. decreased 1 min.
1330	9	47.68	3	2	8	57.25	25	28	30.3	Tr.	129	107	
1331	9	46.81	2	2	9	3.74	34	27	. . . .	Tr.	98	33	
1332	9	46.77	2	2	9	13. . . [9]	26	13	22.4	Mu.	70	48	[9] Separate threads give 13ˢ.76, 14ˢ.67.
	10	47.80	5			13.42 [10]			21.0	Mer.	111	30	[10] R. A. decreased 1 min.
1333	8	47.82	1	2	9	19.15	23	44	23.9	Mu.	143	7	
1334	9	46.82	2	2	9	26.97	29	17	. . . .	Tr.	101	22	
	7.8	47.71	3			27.20			2.6	Mu	133	14	
1335	10	47.68	1	2	10	2.39	25	19	50.3	Tr.	129	108	
1336	10	47.93	3	2	10	7.12	22	32	38.9	Mer.	116	41	
1337	8	47.93	2	2	10	14.64	25	2	46.4	Tr.	149	37	
1338	9	47.82	2	2	10	16.89	24	45	39.4	Mer.	114	13	
	9	47.96	3			17.18			45.0	Tr.	151	7	
1339	7.8	46.82	5	2	10	41.40	43	37	36.3 [11]	Mer.	79	19	[11] Decl. changed ten rev. north. If instead Decl. be changed one wire interval north, Decl=28″.8. Gou gives 32″.
1340	10	47.93	2	2	10	42.41	22	50	56.0 [12]	Mer.	116	42	
	9	47.82	1			42.49			59.1	Tr.	144	14	
1341	9	47.82	2	2	10	45.58	23	37	55.3	Mu.	143	8	[12] Decl. changed one wire interval north. If instead Decl. be changed ten rev. north, Decl.=62″.9.
1342	11	48.78	2	2	10	51.60 [13]	16	36	. . . .	Tr.	202	7	
1343	7	46.89	3	2	10	52.65	31	24	58.9	Mu.	81	3	
1344	6	47.96	1	2	11	11.88 [14]	24	19	22.9	Tr.	151	8	[13] One of three threads rejected; R. A.=50ˢ.80.
	9	47.82	2			12.64			16.8	Mer.	114	14	[14] R. A. decreased one thread interval.
1345	9	46.81	2	2	11	15.01	34	4	. . . .	Tr.	98	34	
1346	9	47.82	1	2	11	19.16	23	16	57.6	Tr.	144	15	
1347	7.8	47.71	4	2	11	19.24	29	4	4.5	Mu.	133	15	
	7	46.82	2			19.52			. . . .	Tr.	101	23	
1348	8	46.89	1	2	11	19.77	31	9	52.7	Mu.	81	5	
1349	10	48.81	3	2	11	23.07	18	53	59.4	Tr.	209	55	
1350	8	47.93	1	2	11	24.43 [15]	30	31	16.2	Mer.	214	24	
	9	46.82	2			24.65			11.0	Tr.	99	29	[15] R. A. increased 1 min.
	8	47.79	3			24.79			12.5	Mer.	206	146	
1351	9.10	47.02	2	2	11	29.65	32	3	42.5	Mer.	81	3	
1352	9	47.79	2	2	11	36. . . [16]	30	25	22.8	Mer.	206	147	
	8	47.93	1			36.72			23.5	Mer.	214	25	[16] Separate threads give 37ˢ.96, 36ˢ.33.
1353	8	46.89	1	2	11	41.11	31	29	3.1	Mu.	81	4	
1354	7	47.79	1	2	11	57.26	30	21	53.0	Mer.	206	148	
	9	47.02	5			57.32			51.5	Mu.	86	2	
	7	47.93	1			57.33			50.7	Mer.	214	26	
	9	46.82	1			57.50			48.8	Tr.	99	30	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
1355	7	48.01	7	2	12	3.37	27	8	5.1	Mu.	151	2	
	8	47.71	5			3.52			3.3	Mer.	108	13	
	8.9	48.91	3			3.54			3.0	Mu.	210	64	
	7	46.77	2			3.63			0.0	Tr.	90	62	
1356	7	47.80	4	2	12	14.98	26	39	27.3	Mer.	111	31	
	6.5	46.77	3			15.12			29.2	Tr.	90	63	
	7	46.77	5			15.27			29.1	Mu.	70	49	
1357	9	46.82	2	2	12	24.62	29	37	....	Tr.	101	24	
	8	47.71	2			24.81			1.0	Mu.	133	16	
1358	11	47.68	3	2	12	46.13[1]	25	59	42.6[2]	Tr.	129	109	[1] R. A. decreased one thread interval.
1359	9	48.81	2	2	12	55.43	18	42	23.6	Tr.	209	56	[2] Decl. changed two rev. south.
	11	48.80	3			55.59			27.7[3]	Tr.	207	9	[3] Reduced for 5.01.5 rev., not 5.15 rev. as originally reduced.
1360	10	47.79	1	2	13	2.77	28	26	....	Tr.	139	9	
1361	10	47.82	1	2	13	2.97[4]	24	19	17.1	Mer.	114	15	[4] R. A. increased one thread interval
	9	47.96	3			3.26			24.3	Tr.	151	9	
1362	9	47.93	3	2	13	10.76	25	10	16.1	Tr.	149	38	
1363	8	46.81	2	2	13	15.18	34	18	....	Tr.	98	35	
1364	9	46.89	3	2	13	15.72	39	40	11.2	Tr.	103	25	
1365	9	47.82	1	2	13	30.31	22	48	33.7	Tr.	144	16	
	9	47.93	4			30.42			37.1	Mer.	116	43	
1366	11	48.78	3	2	13	37.95	15	57	....	Tr.	202	8	
1367	8.9	47.79	2	2	13	39.92	27	57	....	Tr.	139	10	
	8	46.71	7			39.95			48.6	Mer.	65	27	
	9	48.91	2			40.02			50.0	Mu.	210	65	
	8	46.79	3			40.03			47.1	Tr.	95	25	
	8.9	47.80	4			40.05			48.2	Mu.	140	77	
	7	48.01	1			40.11			47.6	Mu.	151	3	
1368	9	47.80	1	2	13	45.92	28	23	34.4	Mu.	140	78	
	9	47.79	2			46.17			....	Tr.	139	11	
1369	9	47.82	1	2	13	49.62	23	17	35.9	Tr.	144	17	
1370	9	47.02	3	2	13	55...[5]	30	51	26.5	Mu.	86	3	[5] R. A. increased 1 min. Separate threads give $53^{s}.74$, $54^{s}.56$, $55^{s}.86$.
	9	46.82	1			55.00			27.8	Tr.	99	31	
1371	8	46.88	2	2	13	56.74	33	8	6.8	Tr.	102	7	
1372	10	48.78	2	2	14	7.88	17	48	13.0[6]	Mu.	207	104	[6] Decl. changed one rev. south.
1373	9	46.89	1	2	14	31.89	39	43	21.3	Tr.	103	26	
1374	10	46.81	2	2	14	37.49	34	34	....	Tr.	98	36	
1375	9	46.89	1	2	14	45.64	31	37	35.7	Mu.	81	6	
1376	8	48.80	1	2	15	0.17	18	20	48.9	Tr.	207	10	
	7	48.81	3			0.88			57.1	Tr.	209	57	
	6	48.78	3			1.27			49.3	Mu.	207	105	
1377	8	47.93	3	2	15	1.66	30	17	61.1[7]	Mer.	214	27	[7] If micrometer reading be assumed as 43.58 instead of 43.38 rev., as recorded, Decl.= 54″.2.
	8	46.82	3			1.76			52.4	Tr.	99	32	
1378	10	48.78	3	2	15	17.81	15	55	....	Tr.	202	9	
1379	9	47.93	4	2	15	21.86	22	33	28.8	Mer.	116	44	
1380	8	47.93	3	2	15	22.55	30	1	51.8	Mer.	214	28	
	8.9	46.82	5			22.90			54.7	Mu.	76	51	
1381	7	46.88	2	2	15	22.72	28	32	56.1	Mu.	79	13	
	7.8	47.79	4			22.74			....	Tr.	139	12	
	7.8	47.80	2			22.89			59.4	Mu.	140	79	
1382	8.9	46.77	5	2	15	25.03	25	53	1.8	Mu.	70	50	
	10	47.68	3			25.22[8]			1.8	Tr.	129	110	[8] Minute assumed.
1383	7	47.82	3	2	15	40.80[9]	24	30	3.9[10]	Mer.	114	16	[9] One of four threads rejected; R. A.=$39^{s}.99$.
	5	47.96	4			40.84			3.2	Tr.	151	10	[10] Decl. changed two wire intervals south.
1384	9	46.89	3	2	15	44.03	39	23	35.4	Tr.	103	27	
1385	8	47.80	4	2	15	47.11	26	15	25.4	Mer.	111	32	
1386	6	48.81	1	2	15	53.23	19	2	3.0	Tr.	209	58	
1387	9	46.82	2	2	16	18.22	30	35	54.3	Tr.	99	33	
1388	8	47.02	3	2	16	25.08	32	5	11.7	Mer.	81	4	
1389	8	47.93	2	2	16	25...[11]	30	18	17.8	Mer.	214	29	[11] Separate threads give $25^{s}.88$, $23^{s}.62$.
	9	47.02	2			26.17			13.5	Mu.	86	4	
1390	9	46.82	2	2	16	33...[12]	29	43	32.8	Mu.	76	52	[12] R. A. decreased 1 min. Separate threads give $33^{s}.10$, $34^{s}.22$.
	8	46.82	2			33.30			....	Tr.	101	25	
	8	47.71	3			33.40			33.6	Mu.	133	17	
1391	8	47.02	4	2	16	41.38	30	32	59.0[13]	Mu.	86	5	[13] Decl. changed ten rev. north.
	6	46.82	3			41.44			57.5	Tr.	99	34	
1392	7.8	46.71	7	2	16	41.56	27	40	38.9	Mer.	65	28	
	7	48.91	6			41.77			38.2	Mu.	210	66	
	6.7	48.01	7			41.84			39.2	Mu.	151	4	
1393	10	47.93	2	2	16	45.18	22	29	32.7	Mer.	116	45	
1394	9	46.81	2	2	17	1.16	34	46	....	Tr.	98	37	
1395	10	48.78	1	2	17	6.56	17	54	42.2	Mu.	207	106	
1396	8	47.93	2	2	17	7.32	29	55	27.3	Mer.	214	30	
1397	8	48.81	2	2	17	21.01	18	50	40.7	Tr.	209	59	
	10	48.80	1			21.47			42.2	Tr.	207	11	
1398	9	48.78	2	2	17	21.47	18	7	59.4	Mu.	207	107	
1399	8	47.93	1	2	17	22.22	30	6	59.4	Mer.	214	31	
1400	7.8	47.80	4	2	17	35.61	26	31	48.1	Mer.	111	33	
	5	46.77	5			35.63			50.1	Tr.	90	64	
	7	46.77	5			35.69			49.1	Mu.	70	51	
1401	8	46.82	2	2	18	7.26	29	19	....	Tr.	101	26	
	7	47.71	4			7.51			51.6	Mu.	133	18	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
1402	9	47.02	3	2	18	14.59	30	32	39.5[1]	Mu.	86	6	[1] Decl. changed ten rev. north.
	7	46.82	3			14.67			36.9	Tr.	99	35	
1403	9	46.81	2	2	18	25.25	34	9	....	Tr.	98	38	
1404	9	47.93	4	2	18	30.67	22	29	11.3	Mer.	116	46	
1405	10	47.71	2	2	18	36.64	26	35	15.5	Mer.	108	14	
	9	47.80	2			37.70			17.6	Mer.	111	34	
1406	7	47.93	2	2	18	44.74	24	39	4.7	Tr.	149	39	
	9	47.82	2			44.84			5.6	Mer.	114	17	
1407	8	47.93	3	2	18	49.68	30	13	33.4	Mer.	214	32	
1408	8.9	48.78	4	2	18	52.79	16	1	....	Tr.	202	10	
1409	9	46.79	3	2	19	1.92	27	49	19.4	Tr.	95	26	
	9	48.91	5			1.94			23.9	Mu.	210	67	
	8.9	48.01	2			2. . .[2]			23.9	Mu.	151	5	[2] Separate threads give $2^{s}.58$, $1^{s}.31$.
	8	46.71	7			2.01			22.6	Mer.	65	29	
	8.9	47.80	4			2.08			23.4	Mu.	140	80	
	8	48.96	4			2.17			23.7	Mu.	214	1	
1410	8	47.96	2	2	19	3.17	24	31	17.8	Tr.	151	11	
	10	47.82	1			3.64			19.7	Mer.	114	18	
1411	9	46.82	4	2	19	9.49	32	28	37.7	Mu.	78	8	
	9	47.02	2			9.47[3]			40.5	Mer.	81	5	[3] One of three threads rejected; R. A. = $10^{s}.32$.
1412	8.9	47.82	2	2	19	24.12[4]	23	35	46.7	Mu.	143	9	[4] One of three threads rejected; R. A. = $22^{s}.77$.
	9	48.05	2			24.42			46.6	Mu.	155	5	
1413	9	47.96	2	2	19	27.89	24	33	30.3	Tr.	151	12	
1414	10	47.93	1	2	19	30.49	22	41	44.1	Mer.	116	47	
1415	9	46.71	2	2	19	35. . .[5]	28	7	9.3	Mer.	65	30	[5] Separate threads give $35^{s}.79$, $34^{s}.92$.
	9	47.79	1			35.30			....[6]	Tr.	139	13	[6] Decl. changed one wire interval north.
1416	7	47.93	2	2	19	44.11[7]	29	49	9.4	Mer.	214	33	[7] R. A. increased 10 sec.
	9	46.82	3			44.18[8]			8.1	Mu.	76	53	[8] One of four threads rejected; R. A. = $46^{s}.15$.
	9	46.82	2			44.37			....	Tr.	101	27	
1417	10	48.78	2	2	19	48.02	17	50	16.7	Mu.	207	108	
1418	8.9	47.82	3	2	19	55.16	23	38	56.5	Mu.	143	10	
	9	48.05	3			55.19			56.7	Mu.	155	6	
1419	8	47.93	1	2	20	4.17[9]	29	46	3.1	Mer.	214	34	[9] R. A. increased 10 sec.
1420	10	46.81	2	2	20	5.70	34	17	....	Tr.	98	39	
1421	9	47.02	3	2	20	19.79	32	12	49.8	Mer.	81	6	
	9	46.82	3			20.32			49.4	Mu.	78	9	
1422	10	46.81	2	2	20	20.13	34	24	....	Tr.	98	40	
1423	9	48.91	2	2	20	30.69[10]	27	29	44.8	Mu.	210	68	[10] One of three threads rejected; R. A. = $29^{s}.97$.
	9	48.01	2			31.29			44.2	Mu.	151	6	
1424	9	47.79	4	2	20	50.46	28	18	....	Tr.	139	14	
	9	46.71	4			50.70			5.2	Mer.	65	31	
	8.9	48.96	3			50.79			7.8	Mu.	214	2	
	9.10	47.80	3			50.90			18.4[11]	Mu.	140	81	[11] Decimal of micrometer reading, .601 rev., same as that of Mu. 140, No. 82.
	10	46.79	2			50.92			5.2	Tr.	95	27	
	8	46.88	2			51.04			4.4	Mu.	79	14	
1425	..	47.93	1	2	21	18.12	30	23	13.9	Mer.	214	35	
	9	46.82	3			18.61			7.2	Tr.	99	36	
	9	47.02	3			18.62			7.9	Mu.	86	7	
	8	47.79	1			18.70			14.0	Mer.	206	149	
1426	8	46.82	2	2	21	20.53	29	28	....	Tr.	101	28	
	7.8	47.71	4			20.68			14.0	Mu.	133	19	
1427	7	46.89	4	2	21	28.53	31	6	55.2	Mu.	81	7	
1428	7	48.01	3	2	21	34.24	27	6	21.9	Mu.	151	7	
	8.9	48.91	2			34.25			22.3	Mu.	210	69	
	7.8	46.77	4			34.34			16.2	Tr.	90	65	
	9	47.71	4			34.51			21.0	Mer.	108	15	
1429	11	48.78	3	2	21	39.68	15	58	....	Tr.	202	11	
1430	4	46.81	2	2	21	40.88	34	29	....	Tr.	98	41	
1431	9	46.82	1	2	21	53.40	30	19	9.7	Tr.	99	37	
	8	47.79	2			53.41			8.9	Mer.	206	150	
1432	11	47.68	2	2	22	3.92	25	39	20.7	Tr.	129	111	
1433	10	47.93	2	2	22	8.73	22	14	40.6	Mer.	116	48	
1434	8.9	47.82	4	2	22	13.28	23	52	43.1	Mu.	143	11	
	8	48.05	3			13.60			41.5	Mu.	155	7	
1435	8	48.78	3	2	22	13.85	17	55	45.9	Mu.	207	109	
1436	7.8	46.82	3	2	22	23.61	43	5	47.5	Mer.	79	20	
1437	9	46.79	3	2	22	27.62	28	4	38.5[12]	Tr.	95	28	[12] Decl. changed one wire interval south.
	9	47.80	2			27.79[13]			42.6[14]	Mu.	140	82	[13] One of three threads rejected; R. A. = $28^{s}.54$.
	9	48.96	2			27.94			42.7	Mu.	214	3	[14] Decl. changed ten rev. north.
	9	47.79	2			28.05			....	Tr.	139	15	
	8.9	46.71	4			28.12			41.9	Mer.	65	32	
1438	8	46.79	1	2	22	35.42	27	55	49.2	Tr.	95	29	
	7	48.01	1			35.65			48.1	Mu.	151	8	
	9	47.79	1			35.72			....	Tr.	139	16	
	9	47.80	2			35.73			47.8[15]	Mu.	140	83	[15] Decl. changed five rev. north.
	9	46.71	4			35.78			45.1	Mer.	65	33	
	8	48.96	1			36.03			46.4	Mu.	214	4	
1439	9	46.89	1	2	22	39.67	39	37	57.5	Tr.	103	28	
1440	8	47.96	2	2	22	43.26	24	46	41.2	Tr.	151	13	
	9	47.82	3			43.30			37.6	Mer.	114	19	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
1441	7	47.82	2	2	23	4.23	23	21	11.6	Mu.	143	12	
	6	47.82	1			4.48			11.9	Tr.	144	18	
1442	10	46.77	1	2	23	10.06	26	46	24.0	Tr.	90	66	
1443	7	47.68	1	2	23	28.76	25	51	14.7	Tr.	129	112	
	7	46.77	5			29.14			26.5	Mu.	70	52	
1444	9	47.93	1	2	23	29.09	30	24	49.1	Mer.	214	36	
	11	46.82	1			29.27			44.9[1]	Tr.	99	38	[1] Decl. changed one rev. south.
1445	5.4	47.82	2	2	23	42.40	23	12	49.8	Tr.	144	19	
1446	9	48.01	1	2	23	48.95	27	25	11.8	Mu.	151	9	
	9.10	48.91	4			48.99			14.2	Mu.	210	70	
1447	8.9	47.02	4	2	23	51.28	31	1	13.7	Mu.	86	8	
	6.7	46.82	2			51.46			17.0	Tr.	99	39	
	8	46.89	2			51.71			10.2	Mu.	81	8	
	8.9	47.79	2			52.03[2]			13.8	Mer.	206	151	[2] One of three threads rejected; R. A.=$51^{s}.08$.
1448	10	46.82	2	2	23	56.66	29	18	....	Tr.	101	29	
	8	47.71	3			56.81			20.4	Mu.	133	20	
1449	8	47.02	4	2	24	10.06	31	56	47.9	Mer.	81	7	
1450	9	47.80	3	2	24	20.55	25	55	40.8	Mer.	111	35	
	9	46.77	1			21.23[3]			35.5	Mu.	70	53	[3] R. A. decreased one thread interval.
1451	8	47.71	1	2	24	31.08	29	27	8.7	Mu.	133	21	
	8	46.82	3			31.29			....	Tr.	101	30	
1452	11	48.78	3	2	24	35.86	15	56	....[4]	Tr.	202	12	[4] Decl. changed one rev. north
1453	11	47.93	2	2	24	44.99	22	44	29.5[5]	Mer.	116	49	[5] Decl. changed one rev. north.
1454	9	47.79	1	2	24	53.21[6]	28	3	....	Tr.	139	17	[6] R. A. increased 1 min.; record doubtful.
	9	48.96	2			53.41			17.2	Mu.	214	5	
1455	8	48.96	3	2	24	55.88	28	10	18.4	Mu.	214	6	
	8.9	47.79	3			55.93[7]			....	Tr.	139	18	[7] R. A. increased 1 min.; record doubtful.
	7	46.79	3			55.93			17.6	Tr.	95	30	
	8	46.71	5			55.93			19.9	Mer.	65	34	
	7	46.88	3			56.16			17.4	Mu.	79	15	
	8.9	47.80	3			56.28			17.7	Mu.	140	84	
1456	6	48.78	2	2	24	58.85	15	54	....[8]	Tr.	202	13	[8] Decl. changed eight rev. south.
1457	8	47.02	3	2	25	7.57[9]	32	42	41.9	Mer.	81	8	[9] R. A. increased 50 sec.
	9	46.82	5			7.76			41.1	Mu.	78	10	
1458	8	47.82	3	2	25	11.54	23	45	2.3	Mu.	143	13	
	8.9	48.05	4			11.75[10]			2.9	Mu.	155	8	[10] One thread increased 10 sec. One of five threads rejected; R. A.=$11^{s}.02$.
1459	9	47.96	2	2	25	12.06	24	35	32.9[11]	Tr.	151	14	
	10	47.82	1			12.30			28.3	Mer.	114	20	[11] Decl. changed one wire interval south.
1460	7	46.79	3	2	25	36.83	28	27	20.4	Tr.	95	31	
	8	48.96	2			36.85			20.0	Mu.	214	7	
	9	47.80	2			36.93			20.2	Mu.	140	85	
	8.9	47.79	2			36.93			....	Tr.	139	19	
	7	46.88	2			37.11			20.5	Mu.	79	16	
1461	8.9	47.82	2	2	25	38.04	23	59	37.7	Mu.	143	14	
	9	48.05	1			38.17			37.7	Mu.	155	9	
1462	9	47.79	1	2	25	46.23	28	15	....	Tr.	139	20	
1463	5.6	46.88	3	2	25	48.29	33	16	16.1	Tr.	102	8	
1464	7.8	46.71	6	2	25	51.49	27	40	3.1	Mer.	65	35	
	8	48.91	4			51.67			3.1	Mu.	210	71	
	6.7	48.01	6			51.69			3.5	Mu.	151	10	
1465	10	47.80	1	2	26	9.97	26	25	19.9[12]	Mer.	111	36[13]	[12] Decl. changed ten rev. south.
1466	8	48.78	2	2	26	25.66	18	15	15.5	Mu.	207	110	[13] "Observation doubtful."
1467	10	48.81	3	2	26	26.71	19	0	22.6[14]	Tr.	209	60	[14] Decl. changed one wire interval south.
1468	9	46.71	3	2	26	27.51	27	55	33.5	Mer.	65	36	
	9.10	48.91	1			28.15			39.8	Mu.	210	72	
1469	8	47.71	4	2	26	37.12	26	57	8.7	Mer.	108	16	
	7.8	46.77	3			37.29			11.2	Tr.	90	67	
1470	8	47.02	2	2	26	51.02	32	22	49.0	Mer.	81	9	
	9	46.82	3			51.66			51.6	Mu.	78	11	
1471	10	47.80	3	2	26	53.80	26	14	29.5	Mer.	111	37	
1472	10	47.68	4	2	27	6.07	25	44	21.8	Tr.	129	113	
1473	7.8	46.88	2	2	27	15.93	33	29	16.9	Tr.	102	9	
1474	8	47.02	6	2	27	18.91	30	35	51.5	Mu.	86	9	
	7.8	47.79	6			19.12[15]			49.7	Mer.	206	152	[15] One of seven threads rejected; R. A.=$17^{s}.66$.
	7	46.82	4			19.21			51.6	Tr.	99	40	
1475	7	47.93	4	2	27	22.11[16]	30	5	9.4	Mer.	214	37	[16] One of five threads rejected; R. A.=$21^{s}.38$.
1476	8	46.88	1	2	27	31.69	32	51	40.1[17]	Tr.	102	10	[17] Decl. changed one wire interval south.
1477	7.8	48.05	5	2	27	45.48[18]	22	35	12.3	Mer.	117	1	[18] One of six threads rejected; R. A.=$44^{s}.75$.
	8	47.93	3			45.84			8.5	Mer.	116	50	
1478	7	47.02	2	2	27	45.92	32	10	60.1	Mer.	81	10	
	8	46.82	4			46.29			58.5	Mu.	78	12	
1479	9	47.80	2	2	27	51.32	23	48	10.1	Tr.	142	1	
	9	47.82	3			51.34			10.8	Mu.	143	15	
	9	48.05	4			51.41			10.7	Mu.	155	10	
1480	7	48.78	2	2	28	1.80	17	56	57.9	Mu.	207	111	
1481	8	47.79	3	2	28	2.43	30	36	33.5	Mer.	206	153	
	9	47.02	3			2.51			34.0	Mu.	86	10	
	8	46.82	3			2.69			34.6	Tr.	99	41	
1482	9	47.79	1	2	28	4.97	28	0	....	Tr.	139	21	
1483	9	46.81	2	2	28	8.53	34	30	....	Tr.	98	42	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
1484	9	46.88	1	2	28	19.53	33	7	36.3	Tr.	102	11	
1485	9	48.91	1	2	28	22.96	27	25	16.0	Mu.	210	73	
	9	48.01	3			23.17			13.3	Mu.	151	11	
1486	7	46.82	2	2	28	38.28	29	21	....	Tr.	101	31	
	7	47.71	5			38.61			21.2	Mu.	133	22	
1487	8	46.88	2	2	28	47.02	28	41	48.6	Mu.	79	17	
	9	47.79	2			47.20			....	Tr.	139	22	
1488	10	47.71	2	2	29	1.34	27	11	19.8	Mer.	108	17	
1489	8	48.78	2	2	29	3.86	17	48	8.8	Mu.	207	112	
1490	9	48.91	1	2	29	6.04	27	21	12.7	Mu.	210	74	
	9	48.01	1			6.14			10.5	Mu.	151	12	
1491	9	47.79	1	2	29	7.74	28	10	....	Tr.	139	23	
1492	9	47.80	1	2	29	13.29	24	10	50.0	Tr.	142	2	
	9	48.05	4			13.42			44.3	Mu.	155	11	
	10	47.82	2			13.83			46.9	Mer.	114	21	
	8.9	47.82	4			13.85			43.9	Mu.	143	16	
1493	9.10	48.91	1	2	29	21.83	27	21	22.4	Mu.	210	75	
1494	9	46.71	7	2	29	23.20	27	49	37.6	Mer.	65	37	
	10	46.79	2			23.47			41.1	Tr.	95	32	
1495	8.9	47.71	1	2	29	35.09	29	35	1.9[1]	Mu.	133	23	[1] Decl. changed five rev. north
1496	6.7	47.02	5	2	29	41.18	30	42	2.9	Mu.	86	11	
	5	47.79	4			41.21			3.6	Mer.	206	154	
	5	46.82	3			41.25			2.7	Tr.	99	42	
1497	10	47.82	2	2	29	43.67	24	34	27.5[2]	Mer.	114	22	[2] Decl. changed ten rev. south.
1498	9	48.78	1	2	29	49.13	18	3	8.7	Mu.	207	113	
1499	9	47.68	3	2	30	6.62	25	40	31.1	Tr.	129	114	
1500	10	47.80	3	2	30	7.10	26	21	22.7[3]	Mer.	111	38	[3] Decl. changed one rev. south.
1501	9	46.82	5	2	30	12.61	32	30	23.4	Mu.	78	13	
	8.9	47.02	4			12.64			24.7	Mer.	81	11	
1502	9	46.89	3	2	30	18.83	39	23	6.7	Tr.	103	29	
1503	9	47.82	1	2	30	32.79	23	22	37.1	Tr.	144	20	
1504	7	46.82	2	2	30	33.46	29	38	....	Tr.	101	32	
	7	47.71	3			33.58			60.2[4]	Mu.	133	24	[4] If micrometer reading be assumed as 17.54 instead of 17.34 rev., as recorded, Decl.= 47″.6, agreeing with AW and Gou.
1505	10	47.82	1	2	30	35.64	24	22	33.3	Mer.	114	23	
1506	9	46.88	1	2	30	37.85	33	20	14.9	Tr.	102	12	
1507	9	47.80	2	2	30	41.81	23	34	45.3	Tr.	142	3	[5] Observer increased original record of Mu. 143, Nos. 17 and 18 by 1 sec. It is assumed that he should have decreased it.
	9.10	47.82	2			42.18[5]			43.6	Mu.	143	18	
1508	9	48.01	1	2	30	46.61	27	37	55.0	Mu.	151	13[6]	
1509	7.8	48.05	4	2	30	57.34	23	38	45.1	Mu.	155	12	[6] Unidentified. Looked for with equatorial, but not found.
	8	47.80	3			57.34[7]			49.5	Tr.	142	4	
	7	47.82	6			57.58[8]			48.4	Mu.	143	17	[7] One thread decreased 10 sec.
1510	9	46.81	2	2	31	4.28	34	18	....	Tr.	98	43	[8] See note on No. 1507_2.
1511	9	46.89	1	2	31	5.43	39	34	12.1	Tr.	103	30	
1512	8	48.78	1	2	31	6.39	18	10	55.5	Mu.	207	114	
1513	7	47.93	4	2	31	9.95	29	58	35.8	Mer.	214	38	
1514	10	48.05	4	2	31	12.41	22	46	55.6	Mer.	117	2	
	9	47.82	1			12.68			57.5	Tr.	144	21	
1515	6	46.81	2	2	31	36.88	34	19	....	Tr.	98	44	
1516	6.7	47.02	5	2	31	50.57	30	50	32.1	Mu.	86	12	
	5.4	46.82	4			50.58			31.6	Tr.	99	43	
	5	47.79	5			50.81[9]			33.5[10]	Mer.	206	155	[9] One of six threads rejected; R. A.$=50^{s}.02$.
1517	10	48.81	2	2	31	57.71	18	50	35.9	Tr.	209	61	[10] Decl. changed ten rev. south.
1518	9	47.79	1	2	31	58.54	30	58	4.4	Mer.	206	156	
1519	9.10	46.82	1	2	32	2.86[11]	32	42	50.4	Mu.	78	14	[11] R. A. decreased one thread interval.
	9	47.02	1			2.90			45.1[12]	Mer.	81	12	[12] "Hardly visible. Declination very indifferent."
1520	10	47.68	3	2	32	8.34	26	0	59.4[13]	Tr.	129	115	[13] Decl. changed one rev. north.
1521	8	46.79	2	2	32	11.95	28	9	45.3	Tr.	95	33	
	9	48.96	..			12...			43.6	Mu.	214	9	
	9	47.79	2			12.00			....	Tr.	139	24	
1522	7.8	47.80	4	2	32	15.35[14]	26	23	30.1	Mer.	111	39	[14] R. A. decreased 1 min.
1523	7	46.89	4	2	32	20.62	31	14	58.8	Mu.	81	9	
1524	9	47.93	2	2	32	23.59	24	59	12.7	Tr.	149	40	
1525	9	47.79	1	2	32	29.69	27	59	....	Tr.	139	25	
1526	9	47.71	4	2	32	30.11	26	57	26.6	Mer.	108	18	
1527	6	46.79	2	2	32	31.13	28	28	12.0[15]	Tr.	95	34	[15] Decl. changed one wire interval south.
	6	46.88	4			31.51			7.8	Mu.	79	18	
	7	48.96	3			31.62			7.9	Mu.	214	8	
1528	10	47.82	1	2	33	9.77	24	34	46.8	Mer.	114	24	
1529	10	47.71	2	2	33	16.76	26	58	2.3	Mer.	108	19	
1530	8	46.88	1	2	33	25.65	28	42	49.8	Mu.	79	19	
	9	47.79	2			25.96			....	Tr.	139	26	
1531	8	46.81	2	2	33	32.00	34	31	....	Tr.	98	45	
1532	6	46.89	3	2	33	37.67	31	16	43.0	Mu.	81	10	
1533	..	47.82	1	2	33	47.73[16]	24	46	[65.1][17]	Mer.	114	25	[16] R. A. increased one thread interval.
	7	47.93	3			48.00			52.6[18]	Tr.	149	41	[17] Original record has been altered in the observing book.
1534	9	47.80	2	2	33	55.91	23	28	13.1	Tr.	142	5	
1535	9	47.80	2	2	34	1.80	23	36	5.2	Tr.	142	6	[18] Declination changed one wire interval south.
	9.10	47.82	1			2.05			5.1	Mu.	143	19	
1536	3	46.82	6	2	34	4.74	43	32	17.7	Mer.	79	21	
1537	7	46.82	4	2	34	5.91	30	47	6.3	Tr.	99	44	
	9	47.02	5			5.93			6.0	Mu	86	13	
	7	47.79	2			6.00			5.2[19]	Mer.	206	157	[19] Decl. changed one wire interval north.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
1538	8.9	48.05	4	2	34	6.62	22	34	1.5 [1]	Mer.	117	3	[1] Decl. changed one rev. north.
1539	7	47.02	3	2	34	8.13	32	6	45.1	Mer.	81	13	
	7.8	46.82	5			9.42 [2]			47.0	Mu.	78	15	[2] Gou gives R. A.=$8^{s}.01$.
1540	10	48.81	3	2	34	12.28	18	41	57.3	Tr.	209	62	
1541	7	48.81	1	2	34	12.32	18	27	48.9	Tr.	209	63	
	7	48.78	2			12.96			53.4	Mu.	207	115	
1542	8	46.79	2	2	34	58.42	28	9	34.9	Tr.	95	35	
	9	48.96	5			58.44			35.9 [3]	Mu.	214	10	[3] Decl. changed one rev. north.
	9	47.79	2			58.46			....	Tr.	139	27	
	8	46.88	1			58.74			35.3	Mu.	79	20	
1543	7	47.79	3	2	35	13.29	30	42	17.3 [4]	Mer.	206	158	[4] Decl. changed one wire interval south.
	5.6	46.82	3			13.36			13.7	Tr.	99	45	
	7.8	47.02	3			13.36			15.6	Mu.	86	14	
1544	10	48.78	2	2	35	14.44	16	39	....	Tr.	202	14	
1545	8	46.88	1	2	35	25.28	28	35	34.4	Mu.	79	21	
	9	47.79	1			25.75			....	Tr.	139	28	
1546	9	47.71	2	2	35	26.31	29	11	19.6	Mu.	133	25	
1547	7	46.89	3	2	35	26.54	31	2	51.3	Mu.	81	11	
1548	8	47.84	2	2	35	28.90 [5]	25	57	2.8	Mer.	212	1	[5] The R. A. of Mer. 212, Nos. 1, 2, 4, 5 and 6 are apparently 1 sec. small as shown by AW.
	10	47.68	1			29.60			2.2	Tr.	129	116	
1549	8	46.79	2	2	35	35.35	28	0	12.6 [6]	Tr.	95	36	[6] Decl. changed one wire interval south.
	8.9	48.96	3			35.49			14.1	Mu.	214	11	
	9	47.79	1			35.97			....	Tr.	139	29	
1550	10	48.05	2	2	35	41.63 [7]	22	27	21.8 [8]	Mer.	117	4	[7] R. A. decreased 1 min.
1551	9	47.80	4	2	35	46.94	26	31	59.7	Mer.	111	40	[8] Decl. changed two wire intervals north.
1552	9	46.82	2	2	35	50.97	29	12	....	Tr.	101	33	
	8	47.71	2			51.36			59.1	Mu.	133	26	
1553	9	46.89	2	2	36	0.15	39	30	32.6	Tr.	103	31	
1554	8	47.84	1	2	36	4.13 [9]	25	57	44.8	Mer.	212	2	[9] See note on No. 1548_1.
	10	47.68	1			4.82			43.7	Tr.	129	117	
1555	4.5	46.89	1	2	36	8.30	39	1	33.9	Tr.	103	32	
1556	10	48.81	2	2	36	15.67	19	0	16.0	Tr.	209	64	
1557	10	47.71	4	2	36	20.59 [10]	26	45	32.9 [11]	Mer.	108	20	[10] R. A. decreased 1 min.
1558	8	46.81	2	2	36	20.79	34	26	....	Tr.	98	46	[11] Decl. changed ten rev. south.
1559	7.8	46.82	6	2	36	26.78	43	10	23.0	Mer.	79	22	
1560	7	46.89	2	2	36	41.07	31	42	32.4	Mu.	81	12	
1561	9	48.78	1	2	36	41.51	18	7	16.0	Mu.	207	116	
1562	11	48.78	2	2	36	54.02 [12]	16	25	....	Tr.	202	15	[12] One of three threads rejected; R. A.=$54^{s}.87$.
1563	6	46.81	2	2	37	11.77	34	43	....	Tr.	98	47	
1564	7	46.88	3	2	37	13.10	28	32	20.0	Mu.	79	22	
	8	47.79	5			13.12			....	Tr.	139	30	
	7.8	48.96	3			13.18			18.7	Mu.	214	12	
1565	9	47.93	1	2	37	16.00	30	2	27.8 [13]	Mer.	214	39	[13] Decl. changed one rev. north.
1566	8	46.82	2	2	37	19.04	29	26	....	Tr.	101	34	
	7	47.71	1			19.15			44.1	Mu.	133	27	
1567	9	46.82	2	2	37	27. . . [14]	29	4	....	Tr.	101	35	[14] Separate threads give $26^{s}.36$, $27^{s}.48$.
	8	47.71	1			27.18			29.1	Mu.	133	28	
1568	9	48.06	2	2	37	34.40	26	8	8.0	Tr.	155	1	
	7.8	47.80	3			34.71 [15]			5.0	Mer.	111	41	[15] R. A. decreased one thread interval One of four threads rejected; R. A.=$33^{s}.58$.
1569	9	47.79	1	2	37	38.40	30	33	47.0	Mer.	206	159	
1570	7	47.84	2	2	37	41.19	25	29	20.0	Mer.	212	3	
	9	47.68	3			41.51			23.2	Tr.	129	118	
1571	9	47.93	3	2	37	48.33	25	1	29.8 [16]	Tr.	149	42	[16] Decl. must be changed two rev. south to agree with CoD or three rev. to agree with CPD. One revolution=30″.3.
1572	8	48.81	2	2	37	59.52	18	25	5.9	Tr.	209	65	
1573	5	46.88	3	2	38	2.95	33	9	39.8	Tr.	102	13	
1574	8	48.78	2	2	38	3.22	18	12	53.8	Mu.	207	117	
1575	10	47.71	3	2	38	7.65	26	50	46.3	Mer.	108	21	
1576	10	47.82	2	2	38	8.93	24	28	14.8	Mer.	114	26	
1577	8	48.05	4	2	38	14.63	22	47	51.5	Mer.	117	5	
1578	8	47.79	3	2	38	16.29	30	34	58.4	Mer.	206	160	
1579	9	47.84	2	2	38	16.52 [17]	25	58	57.2	Mer.	212	4	[17] See note on No. 1548_1.
1580	9	47.80	1	2	38	26.28	23	27	14.4	Tr.	142	7	
1581	9	47.93	2	2	38	41.72	25	17	18.8	Tr.	149	43	
1582	8	47.93	1	2	39	8.82	30	30	55.8	Mer.	214	40	
	8	47.79	1			8.96			54.5	Mer.	206	161	
	9	46.82	2			8.97			52.2	Tr.	99	46	
1583	9	47.84	1	2	39	18.96 [18]	25	50	39.0	Mer.	212	5	[18] R. A. increased 40 sec. See note on No. 1548_1.
	9	47.82	2			19.75			37.0	Mer.	210	1	
1584	8	46.81	2	2	39	24.05	34	29	....	Tr.	98	48	
1585	9	46.82	2	2	39	24.68	29	18	....	Tr.	101	36	
	8	47.71	1			25.19			3.3	Mu.	133	29	
1586	8	46.81	2	2	39	28.43	34	30	....	Tr.	98	49	
1587	8	47.84	1	2	39	28.94 [19]	25	57	57.9	Mer.	212	6	[19] R. A. increased 40 sec. See note on No. 1548_1.
	9	48.06	2			29.39			58.0	Tr.	155	2	
	6	47.82	2			29.46 [20]			58.1 [21]	Mer.	210	2	[20] One of three threads rejected; R. A.=$30^{s}.96$.
	7	47.68	1			29.82			55.8	Tr.	129	119	[21] Decl. changed one wire interval north.
	8.9	47.80	3			29.88			56.6 [22]	Mer.	111	42	[22] Decl. changed one wire interval north.
1588	7	46.89	3	2	39	31.82	31	6	45.9	Mu.	81	13	
1589	10	48.81	2	2	39	35.19	18	40	33.0	Tr.	209	66	
1590	9	48.05	1	2	39	36.49	22	17	43.6 [23]	Mer.	117	6	[23] Decl. changed one wire interval north.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
1591	10	47.71	3	2	39	38.42	26	48	19.2	Mer.	108	22	
1592	10	48.78	2	2	39	47.97 [1]	15	55	....	Tr.	202	16	[1] One of three threads rejected; R. A.=47^s.22.
1593	4	46.82	7	2	39	54.62	43	28	8.9	Mer.	79	23	
1594	10	47.80	2	2	39	54.89 [2]	23	43	27.6	Tr.	142	8	[2] Separate threads give 55^s.26, 54^s.52.
1595	7.8	48.05	2	2	39	56. . . [3]	22	16	22.5 [4]	Mer.	117	7	[3] Separate threads give 55^s.27, 56^s.06.
1596	9	47.79	1	2	39	57.75	28	29	....	Tr.	139	31	[4] Decl. changed one wire interval north.
1597	10	47.82	1	2	40	1.22 [5]	23	51	44.4	Mu.	143	20	[5] "Time of transit doubtful."
1598	10	48.78	1	2	40	4.85	16	0	....	Tr.	202	17	
1599	9	46.81	2	2	40	15.29	34	35	....	Tr.	98	50	
1600	8	46.88	2	2	40	18.82	33	9	52.4	Tr.	102	14	
1601	9	48.78	2	2	40	27.13	18	10	55.5	Mu.	207	118	
1602	9	48.78	1	2	40	28.44 [6]	18	0	0.8	Mu.	207	119	[6] R. A. decreased one thread interval.
1603	9.10	47.80	2	2	40	49.13	25	59	4.0	Mer.	111	43	
1604	11	46.79	1	2	40	53.09	27	55	51.7	Tr.	95	37	
1605	10	48.81	2	2	40	53.88	18	54	32.6	Tr.	209	67	
1606	7.8	46.82	3	2	41	8.44	43	38	9.8	Mer.	79	24	
1607	8	47.68	3	2	41	17.36	25	25	29.7	Tr.	129	120	
	8	47.95	3			17.91			31.3	Mer.	216	1	
	8	47.84	3			18.06			38.1	Mer.	212	7	
	7	47.82	3			18.22 [7]			37.5	Mer.	210	3	[7] One thread increased 10 sec.
1608	9	47.71	2	2	41	20.54	26	43	20.3	Mer.	108	23	
	8	48.91	1			21.28			18.4 [8]	Mer.	154	1	[8] Decl. changed one wire interval north.
1609	9	47.82	3	2	41	43.62	23	43	11.5	Mu.	143	21	
	9	47.80	3			44.74			13.7	Tr.	142	9	
	9	48.05	2			45.21			11.0	Mu.	155	13	
1610	9	46.82	3	2	41	44.42	32	54	57.9	Mu.	78	16	
1611	7	47.02	7	2	41	49.87	32	2	52.7	Mer.	81	14	
1612	9	47.93	2	2	41	50. . . [9]	30	3	52.0	Mer.	214	41	[9] Separate threads give 50^s.75, 49^s.63.
1613	10	47.93	1	2	41	51.90	29	59	6.8	Mer.	214	42	
1614	9	47.79	2	2	41	56.53 [10]	28	10	....	Tr.	139	32	[10] Separate threads give 56^s.16, 56^s.89.
1615	8.9	47.71	1	2	42	7.20	29	10	12.3	Mu.	133	30	
1616	9	47.93	3	2	42	16.45	25	14	11.1	Tr.	149	44	
	9	47.95	2			16.58 [11]			11.4 [12]	Mer.	216	2	[11] One of three threads rejected; R. A.=15^s.86.
1617	6	46.81	2	2	42	19.69	34	24	....	Tr.	98	51	[12] Decl. changed ten rev. north.
1618	9	47.82	3	2	42	33.61	25	54	53.2	Mer.	210	4	
	9	47.84	2			33.91 [13]			57.8	Mer.	212	8	[13] One of three threads rejected; R. A.=33^s.01.
1619	10	48.05	1	2	42	33.70	22	16	52.3	Mer.	117	8	
1620	8	48.78	3	2	42	43.94	17	54	20.4	Mu.	207	120	
1621	3	46.88	3	2	42	48.73	33	2	16.1	Tr.	102	15	
1622	9	47.93	2	2	42	49.71	30	10	51.7	Mer.	214	43	
1623	9	47.71	1	2	42	53.05	29	41	2.5	Mu.	133	31	
1624	9	48.05	2	2	42	55.62 [14]	22	20	34.3 [15]	Mer.	117	9	[14] One of three threads rejected; R. A.=54^s.75.
1625	10	48.81	3	2	43	3.58	19	5	26.4	Tr.	209	68	[15] Decl. changed four rev. south.
1626	7	46.89	3	2	43	4.97	31	26	20.4	Mu.	81	14	
1627	6.7	47.95	3	2	43	12.12	25	10	41.8	Mer.	216	3	
	7	47.93	2			12.20			45.1	Tr.	149	45	
1628	6	47.79	4	2	43	23.93	28	34	....	Tr.	139	33	
	4.5	46.88	4			24.32			1.5	Mu.	79	23	
	6	48.96	3			24.37			3.6	Mu.	214	13	
1629	9	48.06	1	2	43	36.49	26	39	56.2	Tr.	155	3	
1630	9	47.82	1	2	43	36.64	25	20	32.9	Mer.	210	5	
	8.9	47.84	3			36.81			35.0	Mer.	212	9	
1631	9	47.80	3	2	43	38.81	24	12	26.4	Tr.	142	10 [16]	[16] Unidentified. Looked for with equatorial but not found.
1632	11	48.78	4	2	43	50.78	16	0	....	Tr.	202	18	
1633	9	47.80	2	2	44	6.15	23	38	56.9	Tr.	142	11	
	7.8	47.82	5			6.29			59.0	Mu.	143	22	
	7.8	48.05	6			6.41 [17]			59.3	Mu.	155	14	[17] One of seven threads rejected; R. A.=5^s.70
1634	9	46.82	2	2	44	34.54	29	37	.... [18]	Tr.	101	37	[18] Decl. changed one rev. north.
	8	47.71	1			34.80			23.8	Mu.	133	32	
1635	8	48.78	2	2	44	51.33	17	52	16.5	Mu.	207	121	
1636	. .	47.95	1	2	44	55.89	24	48	28.0	Mer.	216	4	
1637	9	48.96	4	2	44	59.35	28	15	13.0	Mu.	214	14	
	9	46.79	2			59.36			13.9	Tr.	95	38	
	9	47.79	3			59.54			....	Tr.	139	34	
1638	7.8	46.82	2	2	45	0.46	31	3	27.2	Tr.	99	47	
	7	46.89	3			0.47			21.2	Mu.	81	15	
	8	47.02	5			0.52			22.3	Mu.	86	15	
	7	47.79	5			0.83 [19]			21.1	Mer.	206	162	[19] Four threads decreased 10 sec. each.
1639	10	48.81	3	2	45	3.85	18	58	51.6	Tr.	209	69	
1640	9	47.80	3	2	45	6.99	23	47	40.8	Tr.	142	12	
	8	47.82	2			6.70 [20]			43.9	Mu.	143	23	[20] R. A. decreased one thread interval.
	9	48.05	2			7.15			42.8	Mu.	155	15	
1641	9	47.84	1	2	45	11.79	25	20	44.2 [21]	Mer.	212	10	[21] Decl. changed one wire interval north.
1642	12	47.68	2	2	45	22.69	25	38	55.8	Tr.	129	121	
	9	47.82	3			22.97			55.1	Mer.	210	6	
	8	47.84	3			23.18			51.1	Mer.	212	11	
1643	6	46.89	3	2	45	35.13	31	26	14.6	Mu.	81	16	
1644	10	48.81	1	2	45	48.73	19	3	46.2	Tr.	209	70	
1645	8	46.82	3	2	45	48.86	43	27	10.4	Mer.	79	25	
1646	9	47.82	1	2	45	53.77	24	4	41.4	Mu.	143	24	
	9	47.80	1			54.23			37.6	Tr.	142	13	

NO.	MAG.	DATE.	NO. THDS	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
1647	10	47.71	3	2	45	59.73	26	55	18.0[1]	Mer.	108	24	[1] Decl. changed one wire interval south.
	9	48.91	2			60.30			15.9	Mer.	154	2	
1648	9	48.01	3	2	46	2.24	27	20	19.1	Mu.	151	14	
1649	6	46.88	4	2	46	3.17	28	34	31.7	Mu.	79	24	
	7	48.96	2			3.18[2]			33.5	Mu.	214	15	[2] One of three threads rejected; R. A.=$3^{s}.92$.
	8.9	47.79	4			3.55			....	Tr.	139	35	
1650	8	46.81	2	2	46	3.66	34	4	....	Tr.	98	52	
1651	9	47.80	1	2	46	4.78	24	7	26.9	Tr.	142	14	
1652	9	46.82	5	2	46	21.91	32	10	58.9	Mu.	78	17	
	9	47.02	2			22.16			59.2	Mer.	81	15	
1653	8	47.02	2	2	46	46.60	32	1	12.6	Mer.	81	16	
1654	9	47.02	3	2	46	51.34	30	26	59.0	Mu.	86	16	
	8	47.93	3			51.39			58.1	Mer.	214	44	
	8.9	46.82	3			51.48			60.8	Tr.	99	48	
	8	47.79	4			51.96			56.6	Mer.	206	163	
1655	10	47.84	1	2	46	57.53	25	48	59.1	Mer.	212	12	
1656	8	47.82	2	2	47	2.10	23	45	36.7	Mu.	143	25	
	8	47.80	3			2.44			33.8	Tr.	142	15	
	9	48.05	2			2.54[3]			37.0	Mu.	155	16	[3] One of three threads rejected; R. A.=$1^{s}.79$.
1657	9	47.79	3	2	47	5.33	28	28	....	Tr.	139	36	
	9	48.96	2			5.52			13.7	Mu.	214	16	
	9	46.79	2			5.65			12.9	Tr.	95	39	
1658	8	48.91	3	2	47	7.37	26	46	11.9	Mer.	154	3	
	10	47.71	2			7.42			10.3	Mer.	108	25	
1659	9	48.05	3	2	47	31.98	23	33	47.5	Mu.	155	17	
	8	47.80	2			32.19			48.2[4]	Tr.	142	16	[4] Decl. changed one wire interval north.
1660	9	47.80	1	2	47	39.69	23	53	34.2	Tr.	142	17	
1661	9	47.93	2	2	47	41.32	30	14	8.7[5]	Mer.	214	45	[5] Decl. changed one rev. north.
1662	2.3	46.89	3	2	47	41.75	39	3	10.7	Tr.	103	33	
1663	8.9	47.71	2	2	47	57.09	29	27	46.4	Mu.	133	33	
	10	46.82	2			57.25			....	Tr.	101	38	
1664	7	47.93	1	2	48	14.98	30	27	18.3	Mer.	214	46	
	7.8	46.82	4			15.20			20.1	Tr.	99	49	
	8.9	47.02	4			15.24			18.2	Mu.	86	17	
	8	47.79	5			15.44			16.4	Mer.	206	164	
1665	6	46.89	4	2	48	18.68	31	30	9.7	Mu.	81	17	
1666	9	47.80	2	2	48	19.08	23	57	11.6	Tr.	142	18	
1667	9	47.82	2	2	48	19.74	25	29	9.2	Mer.	210	7	
1668	8	46.79	2	2	48	21.83	28	30	22.9	Tr.	95	41	
	9	46.88	2			21.84			20.3	Mu.	79	25	
	9	47.79	3			21.90			....	Tr.	139	37	
1669	8	47.93	1	2	48	24.86	30	14	25.7	Mer.	214	47	
1670	8	46.88	2	2	48	31.55	33	32	53.1	Tr.	102	16	
1671	6	46.81	2	2	48	40.09	34	8	....	Tr.	98	53	
1672	7	46.82	7	2	48	45.34	43	10	49.3	Mer.	79	26	
1673	7	48.91	1	2	48	50.42	26	32	40.1	Mer.	154	4	
	9	47.80	2			50.51			43.7	Mer.	111	44	
1674	7	47.68	3	2	48	53.78	25	54	38.7	Tr.	129	122	
	7	47.82	2			53.85			48.3	Mer.	210	8	
	6	47.84	4			53.94[6]			45.1	Mer.	212	13	[6] R. A. increased 30 sec.
1675	7	48.91	2	2	48	54.14	26	44	42.8	Mer.	154	5	
1676	8	47.95	3	2	49	2.98	24	41	39.3	Mer.	216	5	
1677	8.9	48.05	2	2	49	14.08	23	49	45.0	Mu.	155	18	
	8.9	47.82	3			14.13			45.6	Mu.	143	26	
	8	47.80	2			14.29			43.5	Tr.	142	19	
1678	8.9	47.79	1	2	49	14.46	30	36	31.4	Mer.	206	165	
1679	6	48.91	3	2	49	34.62	26	48	34.7	Mer.	154	6	
	8	47.71	2			34.92			35.4	Mer.	108	26	
1680	8	47.95	3	2	49	44.62	24	54	43.8	Mer.	216	6	
	9	47.93	3			44.97			40.7	Tr.	149	46	
1681	7	48.91	1	2	49	49.50	26	42	5.2	Mer.	154	7	
1682	9	48.05	1	2	49	52.36	22	55	24.9	Mer.	117	10	
1683	7	47.71	5	2	49	55.77	29	33	32.1	Mu.	133	34	
	8	46.82	2			56.26			....	Tr.	101	39	
1684	10	48.78	3	2	49	58.52	16	20	....	Tr.	202	19	
1685	5	46.89	3	2	50	0.41	39	15	36.7	Tr.	103	34	
1686	8.9	47.80	2	2	50	9.63	23	35	40.5	Tr.	142	20	
	8.9	48.05	2			9.65			37.6	Mu.	155	19	
	9	47.82	4			9.85			38.5	Mu.	143	27	
1687	9	47.80	1	2	50	22.24	23	58	55.4	Tr.	142	21	
1688	9	47.95	2	2	50	35.07	25	13	59.2	Mer.	216	7	
	9	47.93	2			35.14			45.1	Tr.	149	47	
1689	7.8	47.68	4	2	50	37.19	25	34	46.2	Tr.	129	123	
	8	47.84	3			37.21			48.4	Mer.	212	14	
	8	47.82	2			37.37[7]			47.5	Mer.	210	9	[7] R. A. increased 30 sec.
1690	8	47.84	3	2	50	38.56	25	34	26.4	Mer.	212	15	
	8	47.82	1			38.95			27.0	Mer.	210	10	
1691	6	47.79	3	2	50	52.15	30	27	37.9	Mer.	206	166	
	5	47.93	4			52.18			39.3	Mer.	214	48	
	5.4	46.82	3			52.30			38.8	Tr.	99	50	
	7	47.02	5			52.41			39.6	Mu.	86	18	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
1692	9	47.79	1	2	50	56.12	28	8	....	Tr.	139	38	
1693	9	48.78	2	2	50	59.89[1]	16	26	....	Tr.	202	20	[1] One of three threads rejected; R. A.=$59^{s}.15$.
1694	10	46.81	2	2	51	0.16	34	27	....	Tr.	98	54	
1695	9	47.80	2	2	51	1.71	23	53	11.1	Tr.	142	22	
1696	9	48.05	3	2	51	2.79	22	49	59.6	Mer.	117	11	
1697	9	47.80	2	2	51	9.21	26	9	54.0[2]	Mer.	111	45	[2] Decl. changed two wire intervals north.
1698	9	48.96	3	2	51	12.31	28	16	15.6	Mu.	214	17	
	10	46.79	2			12.60			17.2	Tr.	95	42	
	8.9	46.88	2			12.75			18.1	Mu.	79	26	
	9	47.79	1			12.84			....	Tr.	139	39	
1699	10	48.78	1	2	51	16.56	18	15	17.5	Mu.	207	122	
1700	9	47.79	1	2	51	24.62	28	18	....	Tr.	139	40	
	10	46.79	2			24.71			36.7	Tr.	95	43	
	9	48.96	3			24.91			34.2	Mu.	214	18	
	9	46.88	1			25.10			26.7	Mu.	79	27	
1701	6	48.05	2	2	51	25.13	24	12	43.2	Mu.	155	20	
1702	10	47.80	1	2	51	32.88[3]	26	29	41.4	Mer.	111	46	[3] R. A. decreased one thread interval.
1703	9	47.79	2	2	52	3.61	28	29	....	Tr.	139	41	
1704	7.8	48.01	4	2	52	12.30	27	31	46.3	Mu.	151	15	
1705	10	48.81	2	2	52	30.79	18	44	11.8	Tr.	209	71	
1706	9	47.82	2	2	52	35.49	25	50	4.1	Mer.	210	11	
	9	47.84	2			35.50[4]			2.5	Mer.	212	16	[4] R. A. decreased one thread interval.
1707	5	46.82	2	2	52	43.33	29	30	....	Tr.	101	40	
	6.7	47.71	5			43.35			21.0	Mu.	133	35	
1708	9	47.71	4	2	52	49.18	26	45	23.7[5]	Mer.	108	27	[5] Decl. changed five rev. north.
	8	48.91	4			49.46			19.1	Mer.	154	8	
1709	5	46.81	2	2	52	56.05	34	47	....	Tr.	98	55	
1710	8	48.06	1	2	52	59.40	25	52	38.7	Tr.	155	4	
	6	47.68	3			59.74[6]			36.0	Tr.	129	124	[6] R. A. decreased one thread interval.
	6	47.82	3			60.04			38.7	Mer.	210	12	
	7	47.84	4			60.06			43.6	Mer.	212	17	
1711	9	46.88	1	2	53	0.81	33	30	49.6	Tr.	102	17	
1712	9	47.80	3	2	53	3.22	23	58	49.5	Tr.	142	23	
	9	47.82	3			3.39			54.4	Mu.	143	28	
1713	10	48.78	4	2	53	4.24	16	40	....	Tr.	202	21	
1714	5.4	46.88	1	2	53	27.01	33	6	24.5	Tr.	102	18	
1715	9	47.02	5	2	53	29.18	30	46	11.7	Mu.	86	19	
	8	46.82	3			29.19			11.1	Tr.	99	51	
	7	47.79	4			29.29			10.2	Mer.	206	167	
1716	8	47.79	3	2	53	43.86	28	40	....	Tr.	139	42	
	8	46.88	1			44.11			42.2	Mu.	79	28	
1717	9	47.79	2	2	53	50.60	30	48	26.5	Mer.	206	168	
1718	8	47.93	1	2	53	53.70	30	11	29.7	Mer.	214	49	
1719	9	46.82	2	2	53	58.99	32	14	16.8	Mu.	78	18	
1720	9	47.84	1	2.	54	1.58	25	40	20.5	Mer.	212	18	
	9	47.82	1			2.25			17.5	Mer.	210	13	
	12	47.68	2			2.40			15.2.	Tr.	129	125	
1721	9	47.80	3	2	54	5.71	23	58	19.3	Tr.	142	24	
1722	9	48.81	2	2	54	11.60	18	27	49.0	Tr.	209	72	
	8	48.78	1			11.92			47.8	Mu.	207	123	
1723	10	47.95	4	2	54	13.16	25	13	59.4	Mer.	216	8	
1724	8	46.88	1	2	54	17.06[7]	28	14	0.4	Mu.	79	29	[7] R. A. increased one thread interval.
	8	47.79	2			17.16[8]			....	Tr.	139	43	[8] One thread increased 10 sec.
	6	46.79	4			17.38			2.4	Tr.	95	44	
	8	48.96	4			17.57			1.3	Mu.	214	19	
1725	9	47.82	2	2	54	18. . .[9]	23	32	17.6	Mu.	143	29	[9] Separate threads give $18^{s}.66$, $19^{s}.61$.
	9	48.05	3			18.40			16.1	Mu.	155	21	
	9	47.80	2			18.72			16.4	Tr.	142	25	
1726	8	47.93	2	2	54	23.25	30	18	20.2	Mer.	214	50	
1727	8	47.79	2	2	54	39.25	30	57	21.6	Mer.	206	169	
	7	46.89	4			39.68[10]			14.8	Mu.	81	18	[10] R. A. decreased 5 min.
	8	47.02	3			39.73			21.3	Mu.	86	20	
	7	46.82	3			39.79			22.1	Tr.	99	52	
1728	8.9	48.01	2	2	54	40.20	27	28	17.7	Mu.	151	16	
1729	9	46.79	2	2	54	50.74	28	5	17.2	Tr.	95	45	
	9	48.96	3			50.78			16.9	Mu.	214	20	
	9	47.79	2			50.80			....	Tr.	139	44	
1730	9	47.82	2	2	55	2.49[11]	25	53	45.2	Mer.	210	14	[11] R. A. interchanged with that of Mer. 210, No. 15.
	9	47.84	3			2.61			46.0[12]	Mer.	212	19	[12] Decl. changed one rev. north
1731	7.8	47.71	3	2	55	2.73	29	1	52.2	Mu.	133	36	
1732	10	48.05	2	2	55	3.22[13]	22	42	26.1	Mer.	117	12	[13] R. A. decreased 1 min.
1733	9	47.84	1	2	55	4.21	26	1	24.3[14]	Mer.	212	20	[14] Decl. charged one wire interval south.
	9	48.06	3			5.12			20.6	Tr.	155	5	
	9	47.80	4			5.33			23.6	Mer.	111	47	
1734	4	46.88	2	2	55	8.78[15]	28	40	4.6	Mu.	79	30	[15] One of three threads rejected; R. A.=$9^{s}.63$. If two threads be increased 1 sec. each, the three threads give $9^{s}.73$, agreeing with AW, Cp 50 and GZ. and agreeing better with Tr. 139, No. 45.
	7	47.79	1			9.36			....	Tr.	139	45	
1735	8	48.81	2	2	55	8.98	18	48	1.1	Tr.	209	73	
1736	9	47.95	1	2	55	16.76	25	22	41.6	Mer.	216	9	
1737	9	47.84	1	2	55	17.34	25	47	4.5	Mer.	212	21	
	9	47.82	1			18.02[16]			3.1	Mer.	210	15	[16] See note on No. 1730_1.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
1738	8	48.78	2	2	55	17.94	18	4	4.2	Mu.	207	124	
1739	9	47.80	1	2	55	26.61	23	30	50.8	Tr.	142	26	
1740	10	48.78	3	2	55	29. . . [1]	15	52	. . . .	Tr.	202	22	[1] Separate threads give $30^{s}.09$, $29^{s}.01$, $29^{s}.55$.
1741	10	47.80	2	2	55	32.46 [2]	26	3	2.3	Mer.	111	48	[2] R. A. increased 1 min.
	9	48.06	2			32.69 [3]			9.7	Tr.	155	6	[3] R. A. increased one thread interval.
1742	9	47.79	1	2	55	39.30	28	35	. . . .	Tr.	139	46	
1743	9	47.79	2	2	55	40.18	31	3	12.1	Mer.	206	170	
1744	9	47.82	2	2	55	43.33	23	24	6.1	Mu.	143	30	
1745	5	48.05	3	2	55	46.86 [4]	24	12	53.1	Mu.	155	22	[4] R. A. increased 1 min. One of four threads rejected; R. A.=$46^{s}.11$.
1746	9	47.79	1	2	56	7.73 [5]	28	27	. . . .	Tr.	139	47	
1747	10	48.81	1	2	56	8.61	18	49	19.9	Tr.	209	74	[5] R. A. decreased 1 min.
1748	9	47.80	2	2	56	15.26	24	8	15.5	Tr.	142	27	
1749	11	47.68	4	2	56	19.18 [6]	25	32	53.9	Tr.	129	126	[6] Minute assumed.
	9	47.84	1			19.46			58.1	Mer.	212	22	
	8	47.82	1			20.29 [7]			56.4	Mer.	210	16	[7] R. A. decreased one thread interval.
1750	10	48.91	2	2	56	20.26 [8]	26	49	27.5	Mer.	154	9	[8] R. A. increased 1 min.
1751	8	47.95	2	2	56	31.11	25	16	15.9	Mer.	216	10	
1752	10	48.06	1	2	56	32.76	27	34	. . . .	Tr.	157	1	
	8	48.01	4			33.08			23.6	Mu.	151	17	
1753	8	48.78	2	2	57	4.75	18	19	41.0	Mu.	207	125	
1754	10	48.05	1	2	57	13.45	22	28	. . . .	Mer.	117	13	
1755	8	47.93	5	2	57	25.29	29	49	47.9	Mer.	214	51	
1756	9	47.80	3	2	57	33.96	23	43	55.6	Tr.	142	28	
	9	47.82	2			34.12			55.1	Mu.	143	31	
1757	9	47.95	1	2	57	56.00	25	0	30.6	Mer.	216	11	
1758	9	47.95	1	2	58	1.68 [9]	25	7	9.1	Mer.	216	12	[9] R. A. decreased 10 sec.
1759	7.8	48.06	3	2	58	12.17	26	21	54.4	Tr.	155	7	
	9	47.80	4			12.36			54.7	Mer.	111	49	
1760	9	47.79	1	2	58	16.78	31	2	3.2	Mer.	206	171	
1761	9	46.89	2	2	58	20.70	39	45	38.7	Tr.	103	35	
1762	10	48.96	1	2	58	26.11 [10]	28	21	13.9	Mu.	214	21	[10] R. A. decreased one thread interval.
1763	10	48.05	2	2	58	43.97	22	45	16.5	Mer.	117	14	
1764	9	46.88	3	2	58	49.71	28	32	8.2	Mu.	79	31	
	9	47.79	2			50.17			. . . .	Tr.	139	48	
1765	9	47.93	4	2	59	6.52	24	47	33.8	Tr.	149	48	
1766	9	47.79	1	2	59	6.79	28	14	. . . .	Tr.	139	49	
	9	48.96	3			7.05			40.0	Mu.	214	22	
	10	46.79	2			7.18			40.7	Tr.	95	46	
1767	8	47.82	3	2	59	15.18	25	58	31.2	Mer.	210	17	
1768	9	47.93	3	2	59	21.97	29	42	41.7	Mer.	214	52	
1769	11	47.68	3	2	59	24.19	25	43	49.3	Tr.	129	127	
	8	47.82	2			24.41			53.8	Mer.	210	18	
1770	9	48.78	2	2	59	43.20	18	3	26.7	Mu.	207	126	
1771	7.8	47.71	3	2	59	47.59	29	23	33.6	Mu.	133	37	
1772	9.10	48.96	1	2	59	50.26	28	14	15.7	Mu.	214	23	
	9	47.79	2			50.48			. . . .	Tr.	139	50	
1773	9	47.80	2	2	59	55.03	23	55	3.2	Tr.	142	29 [11]	[11] Unidentified. Looked for with equatorial but not found.
1774	9	46.89	2	2	59	59.77	39	4	9.4	Tr.	103	36	
1775	8	47.82	2	3	0	2.30	25	31	40.9	Mer.	210	19	
1776	9	48.06	2	3	0	18.23	26	32	5.8	Tr.	155	8	
1777	9	47.95	2	3	0	21.83	24	43	25.9	Mer.	216	13	
1778	7	46.82	4	3	0	22.90	30	34	0.9	Tr.	99	53	
	8	47.02	3			23.07 [12]			5.4	Mu.	86	21	[12] One of four threads rejected; R. A.=$22^{s}.27$.
	7	47.79	5			23.21			0.4	Mer.	206	172	
1779	10	48.91	1	3	0	44.87	27	3	30.2	Mer.	154	10	
1780	9	48.06	2	3	0	49.92	26	8	6.1	Tr.	155	9	
1781	9.10	47.82	2	3	0	60. . . [13]	24	3	38.1	Mu.	143	32	[13] Separate threads give $60^{s}.49$, $59^{s}.66$.
	9	47.80	2			60.41			33.7	Tr.	142	30	
1782	5.6	46.88	2	3	1	4.20	32	55	50.4	Tr.	102	19	
	8	46.82	5			4.36			52.1	Mu.	78	19	
1783	9	47.80	1	3	1	16.63	23	40	44.8 [14]	Tr.	142	31	[14] Decl. changed one wire interval north.
1784	7	48.96	3	3	1	26.34	28	24	31.2	Mu.	214	24	
	4	46.88	4			26.44			31.0	Mu.	79	32	
	7	47.79	6			26.46			. . . .	Tr.	139	51	
1785	6	49.07	4	3	1	41.19	30	53	28.4	Mer.	160	1	
	7	46.82	3			41.25			30.5	Tr.	99	54	
	8	47.02	2			41.35			28.1	Mu.	86	22	
	7	46.89	3			41.48			25.0	Mu.	81	19	
	5.6	47.79	3			41.56 [15]			28.2 [16]	Mer.	206	173	[15] One of four threads rejected; R. A.=$40^{s}.84$.
1786	9	47.80	1	3	1	47.42 [17]	23	52	24.0	Tr.	142	32	[16] Decl. changed ten rev. north.
1787	9	47.84	3	3	1	47.43	25	59	55.3	Mer.	212	23	[17] R. A. increased one thread interval.
	9	47.82	1			47.50			58.3	Mer.	210	20	
1788	7	47.02	6	3	1	50.46	32	13	7.6	Mer.	81	17	
	9	46.82	2			50.55			8.6	Mu.	78	20	
1789	9	48.91	1	3	2	9.15	27	1	19.3	Mer.	154	11	
	9	48.06	1			9.72			. . . .	Tr.	157	2	
1790	6	47.84	3	3	2	17.11	25	28	12.0	Mer.	212	24	
	7	47.82	4			17.30			10.9	Mer.	210	21	
1791	9	48.91	1	3	2	21.91	26	56	3.4	Mer.	154	12	
1792	9	48.05	3	3	2	26.44	22	24	42.8	Mer.	117	15	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
1793	8	47.93	3	3	2	38.20	24	42	48.9	Tr.	149	49	
	7	47.95	7			38.58			47.1	Mer.	216	14	
1794	7	48.01	2	3	2	46.51	27	17	29.1	Mu.	151	18	
	8.9	48.06	2			46.70			....	Tr.	157	3	
1795	9	48.78	1	3	3	5.27	18	22	41.4	Mu.	207	127	
1796	10	47.79	2	3	3	6.05	30	39	6.5	Mer.	206	174	
1797	9	48.91	1	3	3	12.17	26	49	42.1	Mer.	154	13	
1798	9	47.82	2	3	3	13.63	25	39	32.2	Mer.	210	22	
	9	47.84	2			13.79			31.1	Mer.	212	25	
1799	9	48.05	2	3	3	35.79	22	16	1.9	Mer.	117	16	
1800	9	47.95	3	3	3	40.87	24	45	19.6	Mer.	216	15	
1801	8.9	48.06	1	3	3	44.23	26	1	3.4	Tr.	155	10	
	8	47.82	1			44.36			1.5	Mer.	210	23	
1802	8	47.93	4	3	3	48.51	30	29	47.9	Mer.	214	53	
	8	47.79	2			49.06			45.2	Mer.	206	175	
1803	9	48.05	1	3	3	49.76[1]	22	19	11.1	Mer.	117	17	[1] R. A. is 3 sec. larger than AW and CiZ.
1804	9.10	46.82	2	3	3	50. . .[2]	32	22	6.2[3]	Mu.	78	21	[2] Separate threads give $51^{s}.30$, $49^{s}.96$.
1805	6	47.96	3	3	3	59.09	24	18	40.2[4]	Tr.	151	15	[3] Decl. changed five rev. north.
1806	10	48.78	1	3	4	17.59	18	0	22.1	Mu.	207	128	[4] Decl. changed one wire interval south.
1807	10	48.96	1	3	4	31.20	27	56	2.0[5]	Mu.	214	25	[5] Decl. changed one rev. south.
1808	7	49.07	1	3	4	32.43	31	6	49.9[6]	Mer.	160	2	[6] Decl. changed five rev. north.
1809	9	47.96	2	3	4	34.15	24	35	57.0	Tr.	151	16	
1810	8	47.95	2	3	4	34.50[7]	25	24	34.4	Mer.	216	16	[7] Separate threads give $34^{s}.12$, $34^{s}.88$. If first be increased 1 sec., R. A. $=35^{s}.00$.
	9	47.93	2			34.68[8]			35.4	Tr.	149	50	
	7.8	47.82	2			34.79			34.9	Mer.	210	24	[8] One of three threads rejected; R. A. $=33^{s}.87$.
	8	47.84	3			35.16			29.5	Mer.	212	26	
1811	7	47.93	3	3	4	35.93	30	0	35.0	Mer.	214	54	
1812	9	47.79	1	3	4	37.17	28	8	....	Tr.	139	52	
1813	9	48.06	2	3	4	58.17	26	6	14.8	Tr.	155	11	
1814	8	47.79	2	3	4	58.81	31	4	12.7	Mer.	206	176	
	7	49.07	1			60.28			7.5	Mer.	160	3	
1815	9	46.82	2	3	5	0.86	32	39	19.2	Mu.	78	22	
	8	47.02	2			0.97			19.0	Mer.	81	18	
1816	9	47.95	2	3	5	27.05	24	37	39.2	Mer.	216	17	
1817	5	47.93	2	3	5	30.55	29	43	41.8	Mer.	214	55	
1818	9.10	47.02	2	3	5	37. . .[9]	30	50	39.0	Mu.	86	23	[9] Separate threads give $36^{s}.83$, $37^{s}.75$.
	8	47.79	2			38.12			43.2	Mer.	206	177	
1819	9	47.79	2	3	5	41.95	28	8	....	Tr.	139	53	
	10	48.96	2			42.20			40.6	Mu.	214	26	
1820	8.9	47.80	4	3	5	51.62	23	34	21.9[10]	Tr.	142	33	[10] Decl. changed two rev. south.
	9.10	47.82	1			51.94			21.1	Mu.	143	33	
1821	9	48.01	1	3	6	8.71	27	31	10.6	Mu.	151	19	
1822	8	47.93	2	3	6	11.09[11]	29	59	20.5	Mer.	214	56	[11] Separate threads give $11^{s}.46$, $10^{s}.72$.
1823	9	46.82	3	3	6	12.05	32	16	19.7[12]	Mu.	78	23	[12] If micrometer reading be assumed as 46.934 instead of 46.634 rev., as recorded, Decl. $=0''.9$.
	8	47.02	4			12.42			3.9[13]	Mer.	81	19	
1824	9	47.82	3	3	6	12.91	25	44	27.6	Mer.	210	25	[13] If micrometer reading be assumed as 44.51 instead of 45.21 rev., as recorded, Decl. $=21''.2$.
	9	47.84	3			13.46[14]			28.8[15]	Mer.	212	27	
1825	8	48.78	2	3	6	15.82	18	11	44.6	Mu.	207	129	[14] R. A. increased 1 min.
1826	7	47.79	2	3	6	21.63	30	43	14.5	Mer.	206	178	[15] Decl. changed one rev. north.
	8.9	47.02	3			21.72			16.6	Mu.	86	24	
1827	7	48.91	7	3	6	28.46	26	49	28.9	Mer.	142	14	
1828	9	47.80	1	3	6	33.44	24	8	48.0	Tr.	154	34	
1829	9	48.06	3	3	6	38.97	26	36	8.3	Tr.	155	12	
1830	9	47.80	2	3	6	40.46	23	54	17.3	Tr.	142	35	
1831	9	47.82	2	3	6	52. . .[16]	23	35	28.2	Mu.	143	34	[16] Separate threads give $51^{s}.98$, $53^{s}.05$.
	9	47.80	1			52.82			29.6[17]	Tr.	142	36	[17] Decl. changed one wire interval south.
1832	7	48.96	3	3	6	58.50	28	8	20.1	Mu.	214	27	
	7	47.79	4			58.72			....	Tr.	139	54	
	6	46.88	4			58.99			19.6	Mu.	79	33	
1833	7	47.82	1	3	7	1.48	25	26	3.9	Mer.	210	26	
	7	47.84	2			2.03			1.8	Mer.	212	28	
1834	9	48.78	2	3	7	11.81	18	25	44.4	Mu.	207	130	
1835	5	47.79	2	3	7	22.47	30	21	61.4	Mer.	206	179	
	5.6	47.93	3			22.61			58.9	Mer.	214	57	
1836	10	47.93	1	3	7	23.91	22	43	26.5	Mer.	116	51	
	9	47.84	1			24.36			26.2	Tr.	146	1	
1837	9	47.95	4	3	7	24.42[18]	24	51	37.6	Mer.	216	18	[18] One of five threads rejected; R. A. $=23^{s}.72$.
1838	9.10	47.02	1	3	7	25.22	30	47	7.9	Mu.	86	25	
1839	9	47.84	1	3	8	6.58	22	18	32.8	Tr.	146	2	
1840	8	48.91	4	3	8	16.28	27	0	37.2	Mer.	154	15	
	10	48.06	1			16.46			....	Tr.	157	4	
1841	9	47.80	1	3	8	19.92	23	40	30.2	Tr.	142	37	
1842	6	48.91	1	3	8	33.08	26	39	33.7	Mer.	154	16	
	5.6	48.06	2			33.12			43.4[19]	Tr.	155	13	[19] If micrometer reading be assumed as 6.26 instead of 6.46 rev., as recorded, Decl. $=33''.4$.
1843	9	47.79	2	3	8	39.28	28	3	....	Tr.	139	55	
	9.10	48.96	2			39.55			43.9[20]	Mu.	214	28	[20] Decl. changed ten rev. north.
1844	9	47.80	1	3	9	0.08	23	50	31.1	Tr.	142	38	
1845	8	46.82	4	3	9	2.92	43	13	56.7	Mer.	79	27	
1846	9	47.79	1	3	9	13.86	28	33	....	Tr.	139	56	
1847	8	47.84	6	3	9	16.97	25	43	5.3	Mer.	212	29	
	8	47.82	5			17.10			8.3	Mer.	210	27	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
1848	8	48.91	1	3	9	24.40	26	56	54.2	Mer.	154	17	
1849	8	48.91	..	3	9	24. . . [1]	27	3	22.6	Mer.	154	18	[1] "Same R. A. as Mer. 154, No. 17."
1850	7	48.01	7	3	9	29.93	27	41	8.1	Mu.	151	20	
	9	48.06	2			30.00			....	Tr.	157	5	
1851	9	47.95	2	3	9	55.78 [2]	25	9	24.0 [3]	Mer.	216	19	[2] R. A. increased 10 sec.
1852	6	49.07	7	3	10	0.36	31	22	58.8	Mer.	160	4	[3] Decl. changed one rev. north.
	6	46.89	4			0.56			58.9	Mu.	81	20	
1853	9	48.06	2	3	10	4.25	27	3	....	Tr.	157	6	
1854	9	47.93	3	3	10	8.65	22	37	31.9	Mer.	116	52	
	9	47.84	2			8.88			34.7	Tr.	146	3	
1855	9	47.84	2	3	10	15.00	25	31	14.3	Mer.	212	30	
	9	47.82	2			15.04			19.0	Mer.	210	28	
1856	8	47.95	2	3	10	25.06 [4]	25	11	1.5	Mer.	216	20	[4] One of three threads rejected; R. A.=$24^{s}.26$.
1857	9	47.80	2	3	10	33.70	23	34	41.4 [5]	Tr.	142	39	[5] Decl. changed one rev. south.
	9	47.82	2			33.72			40.8	Mu.	143	35	
1858	7	47.82	3	3	10	42.32	24	4	27.5	Mu.	143	36	
	7.8	47.80	2			42.55			26.7	Tr.	142	40	
	7	47.96	2			42.98 [6]			27.8	Tr.	151	17	[6] One of three threads rejected; R. A.=$41^{s}.93$.
	7	48.05	4			43.07			26.6 [7]	Mu.	155	23	[7] Decl. changed one rev. north.
1859	10	48.78	1	3	10	43.79	18	11	55.1	Mu.	207	131	
1860	9	47.82	1	3	10	51.32	25	21	45.2	Mer.	210	29	
	9	47.84	1			51.49			47.0	Mer.	212	31	
1861	9	47.80	1	3	10	59.81	23	30	53.9	Tr.	142	41	
1862	11	48.78	1	3	11	13.47	18	11	10.6	Mu.	207	132	
1863	6	48.91	3	3	11	24.71	26	54	11.9	Mer.	154	19	
1864	10	47.93	2	3	11	36.75	22	29	2.4	Mer.	116	53	
	10	47.84	1			36.81			2.7	Tr.	146	4	
1865	9	47.82	1	3	11	37.35	25	30	20.8	Mer.	210	30	
	9	47.84	1			37.70			16.7	Mer.	212	32	
1866	8	48.78	5	3	11	50.49 [8]	19	6	30.2	Tr.	203	1	[8] R. A. increased 1 min.
1867	7	47.93	2	3	11	52.99	24	38	59.6	Tr.	149	51	
	9	47.95	1			53.30			66.6	Mer.	216	21	
	9	47.96	2			53.44			66.7	Tr.	151	18	
1868	8	48.06	2	3	12	15.49	25	58	39.3	Tr.	155	14	
	8	47.82	1			15.53			40.2	Mer.	210	31	
	8	47.84	1			15.65			39.9	Mer.	212	33	
1869	9	47.93	2	3	12	24.74	30	3	54.9	Mer.	214	58	
1870	9	48.78	1	3	12	29.69	17	58	23.6	Mu.	207	133	
1871	8	47.84	1	3	12	49.68	25	21	7.4	Mer.	212	34	
	7	47.82	1			49.99 [9]			7.6	Mer.	210	32	[9] R. A. decreased one thread interval.
1872	5.4	47.84	4	3	12	50.70	22	18	23.4	Tr.	146	5	
	3	47.93	4			50.70 [10]			23.9	Mer.	116	54	[10] R. A. decreased 1 min. One of five threads rejected; record doubtful.
	3	48.93	5			50.82 [11]			25.0	Mer.	157	1	
1873	9.10	47.82	2	3	12	50. . . [12]	23	32	12.1	Mu.	143	37	[11] Two threads increased 10 sec. each.
	9	47.80	2			51.22			13.2	Tr.	142	42	[12] Separate threads give $49^{s}.10$, $51^{s}.60$.
1874	9	48.78	2	3	12	57.47 [13]	19	23	31.1	Tr.	203	2	[13] One of three threads rejected; R. A.=$58^{s}.42$.
1875	9	47.95	2	3	12	59.08 [14]	25	2	23.6	Mer.	216	22	[14] R. A. increased 10 sec.
1876	6	47.93	3	3	13	2.03	24	40	11.6	Tr.	149	52	
	5	47.95	1			2.32 [15]			12.4	Mer.	216	23	[15] R. A. increased 10 sec.
	6	47.96	3			2.60			7.3	Tr.	151	19	
1877	9	48.06	2	3	13	9.88 [16]	26	7	27.2	Tr.	155	15	[16] One of three threads rejected; R. A.=$10^{s}.75$.
1878	8	46.82	2	3	13	19.12	43	11	25.9	Mer.	79	28	
1879	9	47.93	1	3	13	21.65	30	24	40.3	Mer.	214	59	
1880	7	47.79	3	3	13	41.76	30	46	17.6 [17]	Mer.	206	180	[17] Decl. changed one rev. north.
	9	47.02	3			41.96			21.9	Mu.	86	26	
1881	9	48.78	1	3	13	52.57	18	3	57.7	Mu.	207	134	
1882	9	47.96	3	3	13	55.37	24	39	29.5	Tr.	151	20	
	7	47.95	1			55.59			34.3 [18]	Mer.	216	24	[18] Decl. changed one rev. north.
1883	2	46.82	3	3	13	55.56	43	38	49.5	Mer.	79	29	
1884	9	47.80	3	3	14	7.23	23	51	18.9	Tr.	142	43	
	9	48.05	2			7.45			19.0	Mu.	155	24	
	9	47.82	1			7.57			21.6	Mu.	143	38	
1885	7.8	46.82	3	3	14	10.35	43	7	6.6	Mer.	79	30	
1886	5	48.91	3	3	14	19.37	26	50	13.1	Mer.	154	20	
1887	6	48.01	5	3	14	20.87	27	9	3.8	Mu.	151	21	
	7.6	48.06	7			20.87			....	Tr.	157	7	
	5	48.91	2			20.88			2.7	Mer.	154	21	
1888	9	47.80	1	3	14	28.94	23	37	20.0	Tr.	142	44	
1889	8	48.91	1	3	14	38.76	26	42	49.0	Mer.	154	22	
1890	7.8	48.93	1	3	14	49.78	21	59	57.3	Mer.	157	2	
1891	6	47.80	1	3	14	50.42	24	10	37.8	Tr.	142	45	
	6.7	48.05	2			50.56 [19]			33.5	Mu.	155	25	[19] One of three threads rejected; R. A.=$51^{s}.52$.
	6	47.82	3			50.95			35.5	Mu.	143	39	
	6	47.96	1			51.14			38.8	Tr.	151	21	
1892	8	47.79	2	3	14	55. . . [20]	30	43	59.5	Mer.	206	181	[20] Separate threads give $54^{s}.89$, $56^{s}.32$.
1893	9	47.95	1	3	15	0.76	24	43	16.4	Mer.	216	25	
1894	8	47.93	1	3	15	7.05	30	31	39.9	Mer.	214	60	
	9	47.02	3			7.30			36.5	Mu.	86	27	
1895	9	47.93	2	3	15	22.61 [21]	22	38	25.0	Mer.	116	55	[21] One of three threads rejected; record doubtful.
	9	47.84	2			22.96			26.0	Tr.	146	6	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
1896	8	48.91	1	3	15	29.06	26	49	1.7	Mer.	154	23	
1897	8	48.93	3	3	15	35.35	21	38	19.3	Mu.	213	1	
	6	48.93	1			35.88			20.2	Mer.	157	3	
1898	6	49.07	6	3	15	36.94	31	39	13.1	Mer.	160	5	
1899	9	47.79	2	3	15	43.79	28	27	....	Tr.	139	57	
1900	5.6	48.06	3	3	15	49.48	26	7	37.1	Tr.	155	16	
1901	10	48.78	3	3	15	57.66	19	38	15.6	Tr.	203	3	
1902	10	48.93	1	3	16	3.60	21	37	30.1	Mu.	213	2	
	9	48.93	1			4.10[1]			38.2	Mer.	157	4	[1] Minute assumed.
1903	9.10	47.82	1	3	16	7.79	23	29	41.8	Mu.	143	40	
	9	47.80	2			8.25			47.5	Tr.	142	46	
1904	9	47.80	1	3	16	19.12[2]	24	3	30.4[3]	Tr.	142	47	[2] R. A. increased one thread interval.
1905	8.9	48.96	2	3	16	23.53	27	46	36.3	Mu.	214	29	[3] Decl. changed two rev. north.
	8	48.01	2			23.73			34.6	Mu.	151	22	
	9	48.06	2			23.78			....	Tr.	157	8	
1906	9	47.79	1	3	16	23.57	30	44	9.1	Mer.	206	182	
1907	7	48.78	3	3	16	25.50	17	58	43.0	Mu.	207	135	
1908	7	48.01	2	3	16	33.19	27	50	21.1	Mu.	151	23	
	8.9	48.96	4			33.28			22.8	Mu.	214	30	
1909	9	47.80	1	3	16	34.95	23	59	37.4	Tr.	142	48	
1910	7	48.06	1	3	16	45.20	26	39	34.1	Tr.	155	17	
	7	48.91	2			45.35			28.0	Mer.	154	24	
1911	9	47.80	1	3	16	52.65	24	0	26.4	Tr.	142	49	
1912	8	47.93	5	3	16	53.31	29	54	10.8	Mer.	214	61	
1913	9	47.80	1	3	17	2.91	23	57	39.1	Tr.	142	50	
1914	5	46.88	4	3	17	21.12	28	27	56.4	Mu.	79	34	
	7	47.79	4			21.12			....	Tr.	139	58	
1915	7	48.93	2	3	17	26.75[4]	21	27	53.7	Mu.	213	3	[4] Separate threads give $27^{s}.10$, $26^{s}.39$.
1916	8	47.84	3	3	17	26.99	25	46	17.5	Mer.	212	35	
	8	47.82	4			27.03			19.7	Mer.	210	33	
1917	7	47.93	3	3	17	30.75	29	39	27.4	Mer.	214	62	
1918	9	48.78	3	3	17	33.36[5]	19	0	22.7	Tr.	203	4	[5] Separate threads give $33^{s}.86$, $32^{s}.88$, $33^{s}.33$.
1919	7	48.91	2	3	17	33.84	26	45	2.4[6]	Mer.	154	25	[6] Decl. changed five rev. north.
1920	7	48.06	2	3	17	38.95	26	34	10.0	Tr.	155	18	
1921	9.10	46.82	2	3	17	43. ..[7]	32	35	56.9	Mu.	78	24	[7] Separate threads give $44^{s}.32$, $43^{s}.47$.
1922	9	47.84	2	3	17	44.57	22	11	52.3	Tr.	146	7	
	11	47.93	1			44.67			53.9	Mer.	116	56	
1923	7	47.93	4	3	17	45.02	24	50	7.7	Tr.	149	53	
	6	47.95	6			45.54[8]			5.6	Mer.	216	26	[8] One of seven threads rejected; R A.$=44^{s}.78$.
1924	9	47.79	2	3	17	49.86	31	4	37.3	Mer.	206	183	
	7	49.07	6			50.13			34.9	Mer.	160	6	
1925	8.9	48.01	1	3	17	50.53	27	40	25.9	Mu.	151	24	
1926	8	48.91	1	3	18	15.48	26	41	8.1	Mer.	154	26	
1927	7	49.07	1	3	18	16.31[9]	31	39	53.4	Mer.	160	7	[9] Minute assumed.
	7	46.89	1			16.46			52.0	Mu.	81	21	
1928	8	48.06	2	3	18	26.02	26	16	58.6	Tr.	155	19	
1929	10	47.79	1	3	18	29.45	28	26	....	Tr.	139	60	
1930	9	47.79	2	3	18	31. ..[10]	28	18	....	Tr.	139	59	[10] Separate threads give $31^{s}.99$, $31^{s}.18$.
	10	48.96	1			31.39			7.2	Mu.	214	31	
1931	8	48.93	2	3	18	31.82	21	36	22.9	Mu.	213	4	
	7	48.93	4			31.90			22.1	Mer.	157	5	
1932	9	47.84	1	3	18	38.24[11]	25	49	34.0	Mer.	212	36	[11] R. A. increased 1 min
1933	9	47.80	1	3	18	42.78	24	0	15.5	Tr.	142	51	
1934	9	48.78	2	3	18	43.70	18	13	47.7	Mu.	207	136	
1935	9	48.06	2	3	18	50.12	27	46	....	Tr.	157	9	
	8	48.01	1			50.63			32.4	Mu.	151	25	
1936	9	47.95	2	3	18	53.26	25	0	50.7	Mer.	216	27	
1937	9	47.95	1	3	18	54.10	25	6	34.4	Mer.	216	28	
1938	9	48.06	2	3	18	54.25[12]	26	29	35.4	Tr.	155	20	[12] R. A. increased one thread interval.
1939	7	47.79	1	3	18	59.30	30	22	24.6	Mer.	206	184	
	8.9	47.02	2			60.09			....	Mu.	86	28	
1940	10	47.79	1	3	19	2.17	28	24	....	Tr.	139	61	
	10	48.96	1			2.76			3.0[13]	Mu.	214	32	[13] If micrometer reading be assumed as 16.741 instead of 17.241 rev., as recorded, Decl.= 34″.4. An equatorial comparison with Gou gives 34″.
1941	8	48.96	1	3	19	15.45	27	48	10.3	Mu.	214	33	
	7	48.01	1			15.64			9.6	Mu.	151	26	
	8.9	48.06	2			15.64			....	Tr.	157	10	
1942	9	47.84	2	3	19	18.87	22	35	54.0	Tr.	146	8	
1943	10	48.78	2	3	19	27.62[14]	19	25	8.2	Tr.	203	5	[14] One of three threads rejected; R. A.$=28^{s}.34$.
1944	10	47.84	1	3	19	30.46	22	41	31.8	Tr.	146	9	
	10	47.93	2			30.62[15]			34.1	Mer.	116	57	[15] R. A. increased one thread interval. If instead Decl. be changed ten rev. north, R. A. $=18^{s}.76$, Decl.$= -22° 35′ 50″.9$ agreeing with CPD−22°368 and AW.
1945	9	47.80	2	3	19	35.85[16]	23	25	47.2	Tr.	142	52	
1946	10	48.78	1	3	19	46.78	17	49	7.3	Mu.	207	137	
1947	7	46.89	2	3	20	0. ..[17]	31	9	19.0	Mu.	81	22	
	7	49.07	2			0.06			18.5	Mer.	160	8	[16] One thread decreased one thread interval.
1948	7	48.96	2	3	20	2.71	27	50	52.1	Mu.	214	34	[17] Separate threads give $1^{s}.20$, $0^{s}.24$.
	6	48.01	3			2.73			51.0	Mu.	151	27	
	6.7	48.06	2			2.75			....	Tr.	157	11	
1949	9.10	47.02	4	3	20	3.15	32	11	22.5[18]	Mer.	81	20	[18] Decl. changed one wire interval south.
1950	9	48.93	3	3	20	7.61[19]	22	11	44.0	Mer.	157	6	[19] R. A. increased one thread interval.
1951	10	48.78	3	3	20	24.48	19	13	15.4	Tr.	203	6	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
1952	9.10	46.82	2	3	20	36.96 [1]	32	36	3.8	Mu.	78	25	[1] One of three threads rejected; R A.=$40^{s}.99$.
1953	9	47.84	2	3	20	48. . . [2]	25	53	53.7	Mer.	212	37	[2] Separate threads give $49^{s}.13$, $48^{s}.01$.
	9	47.82	1			48.81			52.5	Mer.	210	34	
1954	7	49.07	1	3	20	52.41	30	59	20.2	Mer.	160	9	
	8	47.79	4			52.89			20.2	Mer.	206	185	
1955	8.9	48.01	1	3	20	52.50	27	26	6.8	Mu.	151	28	
	10	48.06	1			52.58			....	Tr.	157	12	
1956	8	48.91	3	3	20	55.08	26	47	5.8	Mer.	154	27	
1957	7.8	46.82	5	3	21	6.53	43	21	51.0	Mer.	79	31	
1958	10	48.93	1	3	21	6.72	21	55	19.1	Mer.	157	7	
1959	9	47.79	2	3	21	9.67	28	16	....	Tr	139	62	
1960	9	47.84	1	3	21	10.22	25	55	29.1	Mer.	212	38	
1961	9	47.79	1	3	21	22.95	27	56	....	Tr.	139	63	
	9.10	48.96	2			23.23			23.5	Mu.	214	35	
1962	9	47.84	1	3	21	23.72	25	33	35.1	Mer.	212	39	
1963	10	48.78	2	3	21	52.06	19	10	26.0	Tr.	203	7	
1964	8	48.91	1	3	22	2.23	26	52	0.0	Mer.	154	28	
1965	9	48.01	1	3	22	4.00	27	8	3.0	Mu.	151	29	
1966	9	48.06	2	3	22	5.89	26	13	9.9	Tr.	155	21	
1967	9	47.79	2	3	22	27.54	28	9	....	Tr.	139	64	
1968	10	48.78	2	3	22	31.91 [3]	18	25	8.1	Mu.	207	138	[3] Separate threads give $32^{s}.26$, $31^{s}.55$.
1969	8	47.95	3	3	22	33.78	25	24	61.1	Mer.	216	29	
	8	47.93	1			34.07			62.5	Tr.	149	54	
	8	47.84	2			34.08			56.7	Mer.	212	40	
	8	47.82	2			34.44 [4]			57.4	Mer.	210	35	[4] R. A. increased 1 min. One of three threads rejected; R. A.=$33^{s}.29$.
1970	8	48.93	3	3	22	38.34 [5]	21	53	25.8	Mer.	157	8	
1971	9	47.79	2	3	22	45.27	28	3	....	Tr.	139	65	[5] One thread decreased one thread interval.
1972	8	48.93	3	3	23	0.29	21	56	22.3	Mer.	157	9	
1973	6.7	47.80	3	3	23	2.07	23	59	45.9	Tr.	142	53	
	7	47.82	5			2.24			47.0	Mu.	143	41	
	7.8	48.05	4			2.53			46.4	Mu.	155	26	
1974	9	46.82	3	3	23	15.53	32	11	27.3	Mu.	78	26	
	9	47.02	4			15.60			27.2	Mer.	81	21	
1975	9	47.96	3	3	23	23.77	24	15	51.6	Tr.	151	22	
1976	10	47.82	1	3	23	40.41	25	57	33.1 [6]	Mer.	210	36	[6] Decl. changed one rev. south.
	8.9	47.84	2			40.83			42.7 [7]	Mer.	212	41	[7] If micrometer reading be assumed as 36.56 instead of 36.26 rev., as recorded, Decl.= $32''.4$.
1977	11	48.78	1	3	23	41.94	18	23	17.4	Mu.	207	139	
1978	9	47.96	1	3	23	43.31	24	15	45.1 [8]	Tr.	151	23	
1979	8	48.91	4	3	23	45.31	26	50	31.7	Mer.	154	29	[8] Decl. changed three wire intervals north, and micrometer reading assumed as 3.10, not 3.70 rev. as recorded.
1980	10	48.78	2	3	24	1.41 [9]	18	59	1.6	Tr.	203	8	
1981	7	46.82	4	3	24	11.53	42	59	3.3	Mer.	79	32	
1982	9	48.96	2	3	24	22.84	28	26	31.5	Mu.	214	36	[9] One of three threads rejected; R. A.=$2^{s}.68$.
	7	46.88	4			23.15			31.7	Mu.	79	35	
	8.9	47.79	4			23.17			.... [10]	Tr.	139	66	[10] Decl. changed one wire interval south.
1983	9	47.84	1	3	24	25.21	26	2	17.1	Mer.	212	42	
1984	6	49.07	1	3	24	27.15	30	50	59.1	Mer.	160	10	
	9	47.02	5			27.46			61.6	Mu.	86	29	
	8	47.79	4			27.77			61.3	Mer.	206	186	
1985	9	47.93	4	3	24	29.76	30	18	10.5	Mer.	214	63	
1986	9	48.06	1	3	24	35.93	26	9	6.8	Tr.	155	22	
1987	9	47.80	2	3	24	38.23	23	41	48.7	Tr.	142	54	
	9.10	47.82	2			38.25 [11]			49.1	Mu.	143	42	[11] One of three threads rejected; R. A.=$37^{s}.11$.
1988	9.10	46.82	4	3	24	40.40	32	45	40.3	Mu.	78	27	
1989	9	48.06	2	3	24	41.17	27	7	....	Tr.	157	13	
	8	48.91	4			41.20 [12]			59.1	Mer.	154	30	[12] R. A. increased 5 min.
	8	48.01	3			41.23			61.8	Mu.	151	30	
1990	3	46.82	4	3	24	41.42	43	9	0.5	Mer.	79	33	
1991	9	47.80	1	3	24	48.41	23	30	2.2	Tr.	142	55	
1992	9	47.96	1	3	25	0.18	24	21	48.1	Tr.	151	24	
1993	9	48.06	1	3	25	5.40	26	16	21.3	Tr.	155	23	
1994	10	48.96	1	3	25	13.10	28	10	38.0	Mu.	214	37	
	9	47.79	1			13.18			....	Tr.	139	67	
1995	9	48.93	4	3	25	26.26	21	45	36.9	Mer.	157	10	
1996	6	48.06	1	3	25	28.70	26	7	34.1	Tr.	155	24	
1997	7.8	47.02	3	3	25	32.52	32	11	6.0	Mer.	81	22	
1998	9	47.84	1	3	25	34.20	26	3	15.0	Mer.	212	43	
	8	47.82	3			34.21 [13]			11.9	Mer.	210	37	[13] One of four threads rejected; R. A.=$35^{s}.41$.
1999	7	47.95	5	3	25	58.50 [14]	25	7	39.0	Mer.	216	30	[14] If one thread, R. A.=$57^{s}.95$, be rejected, the other four give R. A.=$58^{s}.64$.
	7	47.93	4			59.00			39.0	Tr.	149	55	
2000	9	48.06	1	3	26	2.72	26	10	8.6	Tr.	155	25	
2001	9	47.80	1	3	26	4.88	24	8	26.8	Tr.	142	56	
2002	8.9	47.02	5	3	26	10.41	32	4	57.2	Mer.	81	23	
2003	9	46.82	3	3	26	13.32	32	49	5.3	Mu.	78	28	
2004	9	48.91	1	3	26	17.74	27	15	48.3	Mer.	154	31	
2005	10	48.93	2	3	26	19.06	21	17	27.0	Mu.	213	5	
2006	8	47.96	2	3	26	35.91	24	16	39.7	Tr.	151	25	
2007	10	47.93	2	3	26	37.48 [15]	30	23	55.8	Mer.	214	64	[15] R. A. decreased 1 min.
	9	47.79	1			37.56			56.1	Mer.	206	187	
2008	12	48.78	1	3	26	50.21	19	34	19.6	Tr.	203	9	
2009	9	48.91	1	3	26	55.17	26	35	6.7	Mer.	154	32	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
2010	9	48.05	4	3	27	5.02	23	27	27.1	Mu.	155	27	
	9	47.80	2			5.18			26.3	Tr.	142	57	
	9	47.82	3			5.33			26.2	Mu.	143	43	
2011	4	48.93	6	3	27	10.02[1]	22	8	21.0	Mer.	157	11	[1] One of seven threads rejected; R. A.=$9^{s}.27$.
2012	9	47.79	2	3	27	16.03	28	23	....	Tr.	139	68	
	9.10	48.96	2			16.40[2]			35.7	Mu.	214	38	[2] One of three threads rejected; R. A.=$15^{s}.63$.
2013	9	47.84	3	3	27	20.84	25	37	17.3	Mer.	212	44	
	9	47.82	4			20.92			9.8	Mer.	210	38	
2014	9	47.93	2	3	27	41.13[3]	29	43	51.2	Mer.	214	65	[3] One of three threads rejected; R. A.=$42^{s}.24$.
2015	9	47.79	2	3	27	46.25[4]	30	46	15.5	Mer.	206	188	[4] R. A. increased 1 min.
2016	6	49.07	6	3	27	48.26	31	7	64.6	Mer.	160	11	
	7	46.89	4			48.40			58.7	Mu.	81	23	
2017	10	47.95	3	3	27	51.64	25	4	33.1	Mer.	216	31	
2018	5	49.07	1	3	27	53.06	31	35	21.1[5]	Mer.	160	12	[5] Decl. changed one rev. south.
2019	9	46.82	2	3	27	58. . .[6]	32	16	46.2	Mu.	78	29	[6] Record confused on this star and also on first thread of Mu. 78, No. 30.
2020	9	47.79	1	3	28	0.99	28	13	....	Tr.	139	69	
2021	10	47.84	1	3	28	2.68	22	38	56.4	Tr.	146	10	
2022	9	47.95	1	3	28	5.40	24	50	30.3	Mer.	216	32	
2023	9.10	47.82	2	3	28	19. . .[7]	23	42	5.1	Mu.	143	44	[7] Separate threads give $18^{s}.90$, $19^{s}.82$.
	9	47.80	2			19.18			3.4	Tr.	142	58	
2024	9	47.82	1	3	28	21.38	26	1	14.6[8]	Mer.	210	39	[8] Decl. interchanged with that of Mer. 210, No. 40.
	9	47.84	2			21.77[9]			15.0	Mer.	212	45	
2025	6	47.82	2	3	28	27. . .[10]	26	5	16.7[11]	Mer.	210	40	[9] R. A. increased one thread interval.
	7	47.84	1			27.68[12]			18.6	Mer.	212	46	[10] Separate threads gave $27^{s}.92$, $28^{s}.73$.
	5	48.06	2			28.42			16.3	Tr.	155	26	[11] See note on No. 2024_1.
2026	9	47.80	3	3	28	30.90	23	39	13.7	Tr.	142	59	[12] R. A. increased two thread intervals.
	9	47.82	3			31.08			12.4	Mu.	143	45	
	9	48.05	2			31.50			14.5	Mu.	155	28	
2027	7	47.02	7	3	28	32.73	32	22	41.6	Mer.	81	24	
	7.8	46.82	2			32.88[13]			43.0	Mu.	78	30	[13] One of three threads rejected; see note on No. 2019.
2028	6	47.95	1	3	28	35.70	24	48	41.5	Mer.	216	33	
	6	47.93	4			35.95			40.8	Tr.	149	56	
2029	9	47.79	1	3	28	40.39	30	27	44.4	Mer.	206	189	
2030	9	47.96	3	3	28	49.39	24	27	28.9	Tr.	151	26[14]	[14] Unidentified. Looked for with equatorial but not found. Gou 3941 follows 3 sec., one rev. north. CPD—24°438 agrees in R. A. but is 17′ south.
2031	10	48.96	1	3	28	49.71	28	13	35.9	Mu.	214	39	
	9	47.79	1			50.58			....	Tr.	139	70	
2032	8	47.84	1	3	28	51.99[15]	25	23	58.2	Mer.	212	47	
2033	9	47.95	1	3	29	4.78[16]	25	3	44.8	Mer.	216	34	[15] R. A. decreased two thread intervals.
2034	8	48.91	4	3	29	10.47	26	55	56.9	Mer.	154	33	[16] R. A. decreased one thread interval.
2035	8	48.78	4	3	29	26.53	19	2	50.4	Tr.	203	10	
2036	9	47.82	1	3	29	29.44	24	0	61.4	Mu.	143	46	
	9	48.05	1			29.88			58.7	Mu.	155	29	
	9	47.80	2			29.97			58.7	Tr.	142	60	
2037	10	48.06	2	3	29	31.12	27	17	....	Tr.	157	14	
	8	48.01	3			31.25			13.1	Mu.	151	31	
	8	48.91	1			31.52			17.4	Mer.	154	34	
2038	9	47.93	1	3	29	31.71	25	0	56.8	Tr.	149	57	
	9	47.95	1			31.83			57.8	Mer.	216	35	
2039	8	49.07	1	3	29	41.53	31	14	22.1	Mer.	160	13	
	8.9	47.09	4			41.62			23.8	Mu.	89	1	
2040	10	47.93	1	3	29	42.21	30	2	3.7	Mer.	214	66	
2041	9	47.80	1	3	29	57.38	23	56	40.0	Tr.	142	61	
2042	9	47.80	2	3	30	1.56	23	52	5.1	Tr.	142	62	
2043	8	47.84	2	3	30	4.83	25	27	28.8	Mer.	212	48	
	8	47.82	1			4.86			29.2	Mer.	210	41	
2044	9.10	48.96	2	3	30	9.61	28	23	7.6	Mu.	214	40	
	10	47.79	1			10.19			....	Tr.	139	71	
2045	9	47.93	2	3	30	16.01	22	58	56.9	Mer.	116	58	
2046	10	47.84	1	3	30	32.29	22	17	14.5	Tr.	146	11	
	9	48.93	5			32.77			14.7	Mer.	157	12	
2047	8	46.88	1	3	30	44.89	28	37	5.3	Mu.	79	36	
	9	47.79	1			45.46			....[17]	Tr.	139	72	[17] Decl. changed two rev. south.
2048	10	48.93	2	3	30	47.87	21	23	40.2	Mu.	213	6	
2049	7	47.93	3	3	31	1.46[18]	30	19	29.0[19]	Mer.	214	67	[18] One of four threads rejected; R. A.=$2^{s}.45$.
	8.9	47.02	3			1.65[20]			33.1	Mu.	86	30	[19] Decl. changed one rev. south.
	7.8	47.09	2			1.69			30.3	Mer.	83	1	[20] One of four threads rejected: R. A.=$2^{s}.47$.
2050	8.9	47.09	1	3	31	13.43	30	40	49.2	Mer.	83	2	
	9	47.02	1			13.74			48.1	Mu.	86	31	
	8	47.79	7			13.94			43.5	Mer.	206	190	
2051	9	47.84	1	3	31	19.92	22	35	24.6	Tr.	146	12	
2052	8	47.84	1	3	31	21.64	25	15	21.2	Mer.	212	49	
	9	47.95	2			21.86			18.8	Mer.	216	36	
2053	9.10	47.02	1	3	31	28.21	32	8	26.6	Mer.	81	25	
2054	9	47.93	2	3	31	41.97[21]	22	45	33.2	Mer.	116	59	[21] R. A. decreased 1 min.
	9	47.84	1			42.02			32.2	Tr.	146	13	
2055	12	48.78	3	3	31	44.23	19	14	30.4	Tr.	203	11	
2056	9	47.80	2	3	31	57.30	23	34	47.1	Tr.	142	63	
	9.10	47.82	2			57.55			47.7	Mu.	143	47	
2057	9	47.79	1	3	32	4.95	27	58	....	Tr.	139	73	
	9.10	48.96	1			5.18			53.6	Mu.	214	41	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
2058	10	48.93	2	3	32	5.82	21	48	32.4	Mer.	157	13	
2059	8	46.82	2	3	32	15.64	42	57	50.4	Mer.	79	34	
2060	9	47.80	1	3	32	24.79	24	3	22.9	Tr.	142	64	
2061	7	47.82	2	3	32	24.96	26	5	60.2	Mer.	210	42	
	9.8	48.06	2			25.30			59.1	Tr.	155	27	
2062	9	47.96	3	3	32	31.46	24	34	46.7	Tr.	151	27	
2063	6	47.79	2	3	32	33.06	28	26	....	Tr.	139	74	
	4	46.88	3			33.21			11.2	Mu.	79	37	
	7	48.96	2			33.43[1]			10.2	Mu.	214	42	[1] One of three threads rejected; R. A.=34^{s}.46.
2064	9	47.84	2	3	32	42.01	22	48	45.9	Tr.	146	14	
2065	9	48.93	3	3	32	44.18	21	4	46.6	Mu.	213	7	
2066	8	48.01	4	3	32	44.43	27	18	19.5	Mu.	151	32	
	7	48.91	3			44.73			20.7[2]	Mer.	154	35	[2] Decl. changed ten rev. south.
2067	10	48.78	2	3	32	45.77	19	29	12.2	Tr.	203	12	
2068	8.9	47.79	2	3	32	49.57	28	30	....	Tr.	139	75	
	8.9	46.88	1			49.92			41.4	Mu.	79	38	
	8	48.96	2			50.02			40.8	Mu.	214	43	
2069	9	47.80	1	3	33	2.40	24	0	7.3	Tr.	142	65	
2070	8	47.84	4	3	33	16.84	25	50	60.2	Mer.	212	50	
	8	47.82	2			17.15			58.9	Mer.	210	43	
2071	8	48.01	1	3	33	17.51	27	51	13.1	Mu.	151	33	
2072	9.10	47.82	1	3	33	19.28	23	53	62.0	Mu.	143	48	
	9	47.80	1			20.41			59.0	Tr.	142	66	
2073	9	47.84	2	3	33	27.50[3]	22	39	29.7	Tr.	146	15	[3] One thread increased 30 sec.
	10	47.93	3			27.58			29.9	Mer.	116	60	
2074	8	48.91	2	3	33	36.58	26	42	46.9	Mer.	154	36	
2075	10	47.93	1	3	33	50.05	30	16	57.4	Mer.	214	68	
2076	10	48.93	4	3	33	51.72	21	51	57.0	Mer.	157	14	
2077	8	47.93	3	3	33	52.89	25	0	34.1	Tr.	149	58	
	8	47.95	5			52.93[4]			35.8	Mer.	216	37	[4] R. A. increased 1 min. One of six threads rejected; R. A.=52^{s}.21.
2078	9	47.80	1	3	33	56.93	23	24	3.9	Tr.	142	67	
2079	7	46.82	4	3	34	7.92	43	14	43.7	Mer.	79	35	
2080	9	47.79	2	3	34	18.83	30	59	45.1	Mer.	206	191	
2081	8	48.96	3	3	34	35.96	28	27	14.9	Mu.	214	44	
	7	47.79	2			36.38			....	Tr.	139	76	
	6.7	46.88	3			36.47			16.1	Mu.	79	39	
2082	9	47.95	1	3	34	38.57	25	6	37.5	Mer.	216	38	
2083	8	46.82	4	3	34	57.78	32	21	15.0	Mu.	78	31	
	8	47.02	4			57.94			13.5	Mer.	81	26	
2084	8	47.84	6	3	35	0.60	25	49	45.6	Mer.	212	51	
	8	47.82	4			0.77			44.8	Mer.	210	44	
2085	10	47.93	3	3	35	4.62	30	24	45.0	Mer.	214	69	
	9	47.09	3			4.86			45.0	Mer.	83	3	
2086	9	47.79	1	3	35	5.50	28	24	....[5]	Tr.	139	77	[5] Decl. changed one wire interval south.
	10	48.96	1			5.58			16.2	Mu.	214	45	
2087	5.6	46.82	2	3	35	13.34[6]	43	43	29.5	Mer.	79	36	[6] R. A. decreased 1 min.
2088	9	47.80	1	3	35	25.51	23	35	10.1[7]	Tr.	142	68	[7] Decl. changed one wire interval north.
2089	7	48.93	4	3	35	25.61	21	43	7.3	Mer.	157	15	
2090	10	48.78	4	3	35	27.44	19	28	53.2	Tr.	203	13	
2091	9	47.80	1	3	35	31.53	24	7	42.8	Tr.	142	70	
	9	47.96	3			31.93			40.2	Tr.	151	28	
	9	48.05	4			32.01			38.9	Mu.	155	30	
2092	5	47.95	3	3	35	32.08	25	8	1.1	Mer.	216	39	
	7	47.93	3			32.60			4.9	Tr.	149	59	
2093	9	47.79	4	3	35	35.21	30	51	44.5	Mer.	206	192	
2094	8	47.82	3	3	35	35.96	23	43	45.2	Mu.	143	49	
	9	47.80	1			35.98			43.6	Tr.	142	69	
2095	10	47.93	2	3	35	37.99	22	55	32.5	Mer.	116	61	
2096	10	48.93	2	3	35	46.98	21	9	43.6	Mu.	213	8	
2097	9	48.93	2	3	35	49.11	21	36	3.5	Mer.	157	16	
2098	9	47.80	1	3	35	54.22	23	28	42.0	Tr.	142	71	
2099	10	48.78	1	3	36	0.36	19	11	26.5	Tr.	203	14	
2100	9	48.93	2	3	36	1.13	21	1	38.1	Mu.	213	9	
2101	..	47.79	1	3	36	1.75	30	44	28.7	Mer.	206	193	
	8.9	47.09	2			1.94			28.3	Mer.	83	4	
	9	47.02	2			1.94			30.0	Mu.	86	32	
2102	9	47.84	3	3	36	3.82	22	27	39.6	Tr.	146	16	
2103	9	48.01	2	3	36	8.74	27	18	37.1	Mu.	151	34	
2104	..	48.93	1	3	36	11.32[8]	22	2	51.5	Mer.	157	17	[8] R. A. increased 1 min. and decreased one thread interval.
2105	6.7.	46.82	5	3	36	16.85[9]	32	25	14.0	Mu.	78	32	
	5	47.02	4			16.97			13.5	Mer.	81	27	[9] One thread increased 20 sec.
2106	8.9	48.05	2	3	36	17.98	23	23	26.2	Mu.	155	31	
	8	47.82	1			18.53			24.2	Mu.	143	50	
2107	9	47.93	2	3	36	18.67	24	55	53.3	Tr.	149	60	
	8	47.95	2			18.70			51.5	Mer.	216	40	
2108	9	46.82	1	3	36	21.30	32	35	31.6	Mu.	78	33	
2109	9.10	47.09	1	3	36	24.40	30	39	12.2	Mer.	83	5	
	9	47.79	1			24.60			20.1[10]	Mer.	206	194	[10] Decl. changed one wire interval north.
2110	9	47.84	1	3	36	44.34	22	45	36.1	Tr.	146	17	
	10	47.93	2			44.43			34.8	Mer.	116	62	
2111	9	48.06	2	3	36	45.75	26	27	17.1	Tr.	155	28	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
2112	8	46.88	1	3	36	58.38	28	37	7.2	Mu.	79	40	
	8	49.11	2			58.77			7.7	Mu.	223	1	
	9	47.79	1			59.33			....	Tr.	139	78	
2113	10	47.95	1	3	37	3.05	25	6	30.6	Mer.	216	41	
2114	10	48.91	2	3	37	5.51	26	50	1.9 [1]	Mer.	154	37	[1] Decl. changed one rev. north.
2115	7	49.07	4	3	37	8.64	31	29	52.4	Mer.	160	14	
	7.8	47.09	5			8.66			51.4	Mu.	89	2	
2116	9	47.93	1	3	37	12.26	29	51	11.2	Mer.	214	70	
2117	8	47.82	3	3	37	19.81	25	50	2.4	Mer.	210	45	
	9	47.84	3			20.26 [2]			3.2	Mer.	212	52	[2] One of four threads rejected; R. A.=$21^{s}.33$.
2118	9	47.84	1	3	37	20.85	22	24	51.5	Tr.	146	18	
2119	10	47.93	1	3	37	31.80	22	30	27.7	Mer.	116	63	
	10	47.84	1			32.80			29.0	Tr.	146	19	
2120	9	47.93	2	3	37	38.95	29	46	44.0	Mer.	214	71	
2121	8	48.93	2	3	37	44.83	21	34	54.0	Mu.	213	10	
2122	7	49.11	1	3	37	47.90	29	6	14.6	Mu.	223	2	
2123	6.7	47.02	1	3	37	53.87	31	55	3.0	Mer.	81	28	
2124	8	47.82	2	3	38	9.66	25	38	30.8	Mer.	210	46	
	7.8	47.84	3			10.03			31.5	Mer.	212	53	
2125	9	48.93	1	3	38	11.43	21	46	17.3	Mer.	157	18	
2126	9	47.79	1	3	38	16.03	28	3	....	Tr.	139	79	
2127	10	48.78	2	3	38	19.15	19	36	22.3	Tr.	203	15	
2128	8	48.93	1	3	38	21.66	22	3	31.1	Mer.	157	19	
2129	9	48.05	3	3	38	23.46	23	51	12.3	Mu.	155	32	
	6.7	47.80	3			23.67			11.0	Tr.	142	72	
	8	47.82	4			23.70			13.0	Mu.	143	51	
2130	9	48.93	1	3	38	33.60	21	46	40.4	Mer.	157	20	
2131	9	47.80	1	3	38	41.09	23	24	53.8	Tr.	142	73	
2132	7	48.93	2	3	38	41.81	20	59	46.3	Mu.	213	11	
2133	9	48.96	1	3	38	48.85	28	17	28.5 [3]	Mu.	214	48	[3] If micrometer reading be assumed as 23.417 instead of 23.617 rev., as recorded, Decl. = 41″.1. GZ gives 43″.
	9	47.79	1			49.48			....	Tr.	139	81	
2134	9	48.96	2	3	38	50.72	28	4	50.2	Mu.	214	46	
	9	47.79	1			50.74			....	Tr.	139	80	
2135	9	47.84	1	3	38	54.36	22	48	58.3	Tr.	146	21	
2136	9	47.84	1	3	38	55.57	22	35	7.2	Tr.	146	20	
2137	9	48.96	2	3	38	57.12 [4]	28	14	33.6	Mu.	214	47	[4] Separate threads give $56^{s}.73$, $57^{s}.51$.
	8	46.88	1			57.77			33.4	Mu.	79	42	
2138	8.9	48.96	..	3	39	8. ..	28	20	29.6	Mu.	214	49	
	7	46.88	3			8.06			28.4	Mu.	79	41	
	9	47.79	1			8.63			....	Tr.	139	82	
2139	7.8	46.82	2	3	39	8.42	43	42	39.2	Mer.	79	37	[5] "Too faint to observe accurately."
2140	6.7	48.06	2	3	39	13.58	26	23	15.9	Tr.	155	29	
2141	8	48.93	1	3	39	19.35	21	27	14.6	Mu.	213	12	
2142	9.10	47.09	2	3	39	38.11 [6]	31	22	50.7	Mu.	89	3	[6] One thread decreased 5 sec.
2143	9	47.02	5	3	39	38.67	30	33	29.6 [7]	Mu.	86	33	[7] If micrometer reading be assumed as 36.641 instead of 36.841 rev., as recorded, Decl. = 42″.1.
	8	47.09	4			38.96			43.6	Mer.	83	6	
	9	47.79	7			39.17			40.2	Mer.	206	195	
2144	9	47.80	2	3	39	40.82	23	33	8.3	Tr.	142	74	
	9	47.82	1			41.51 [8]			6.8	Mu.	143	52	[8] R. A. decreased 1 min.
2145	9	49.07	3	3	39	41.57	31	24	7.1	Mer.	160	15	
	9	47.09	2			41.77			14.0	Mu.	89	4	
2146	8	47.93	3	3	39	47.78	24	51	43.3	Tr.	149	61	
	8	47.95	1			48.27			39.2	Mer.	216	42	
2147	8	47.84	2	3	39	51.44	26	0	6.9	Mer.	212	54	
	8	47.82	2			51.46			6.3	Mer.	210	47	
2148	5.6	47.82	2	3	40	18.32 [9]	25	49	35.8 [10]	Mer.	210	48	[9] R. A. increased 1 min.
	6	47.84	3			19.75			35.7	Mer.	212	55	[10] Decl. changed nine rev. south.
2149	8	47.95	1	3	40	19.95	25	6	45.9	Mer.	216	43	
2150	5	47.93	7	3	40	20.50	29	48	24.6	Mer.	214	72	
2151	5	47.84	1	3	40	21.49	25	19	29.6	Mer.	212	56	
	7	47.95	1			21.63			29.4	Mer.	216	44	
2152	3.4	47.80	3	3	40	23.72	23	41	40.9	Tr.	142	75	
	4	48.05	5			23.88			44.9	Mu.	155	33	
	4	47.82	3			24.27 [11]			43.9	Mu.	143	53	[11] If first thread, R. A.=$24^{s}.69$, be rejected, the two remaining threads give R. A.=$24^{s}.06$.
2153	10	48.78	2	3	40	24.81	19	37	8.7 [12]	Tr.	203	16	
2154	9	48.91	2	3	40	30.36	27	5	20.4	Mer.	154	38	[12] Decl. changed one rev. south.
	10	48.06	1			30.59			20.4	Tr.	157	15	
2155	8.9	49.11	2	3	40	30.65	28	39	13.2	Mu.	223	3	
	9	47.79	2			30.78			....	Tr.	139	83	
2156	8	47.95	1	3	40	42.73	25	13	10.0	Mer.	216	45	
2157	9	46.82	3	3	40	44.19	32	40	46.3	Mu.	78	34	
	7	47.02	6			44.35 [13]			46.7	Mer.	81	29	[13] R. A. increased one thread interval.
2158	9	47.09	3	3	40	44.83	31	19	17.6	Mu.	89	5	
	8	49.07	1			44.92			20.1	Mer.	160	16	
2159	7	47.79	2	3	40	56. .. [14]	30	31	12.9	Mer.	206	196	[14] Separate threads give $55^{s}.75$, $56^{s}.59$.
	6	47.09	2			56.75			11.1	Mer.	83	7	
	8	47.02	4			57.28			14.6 [15]	Mu.	86	34	[15] Decl. changed one rev. south.
2160	5	47.96	4	3	41	12.79	24	20	31.0	Tr.	151	29	
2161	9	47.80	1	3	41	13.35	23	46	23.2	Tr.	142	76	
2162	7.8	47.02	2	3	41	13.70	30	21	55.1	Mu.	86	35	
	7	47.09	1			13.87			56.4 [16]	Mer.	83	8	[16] Decl. changed three wire intervals north.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
2163	6	47.93	3	3	41	16.29	29	55	56.1	Mer.	214	73	
2164	9	48.01	3	3	41	23.27	27	39	0.7	Mu.	151	35	
2165	9	47.82	2	3	41	33.39 [1]	23	39	44.9	Mu.	143	54	[1] R. A. increased 1 min.
	9	48.05	2			33.74			44.5	Mu.	155	34	
	9	47.80	2			33.77			44.1	Tr.	142	77	
2166	7	48.93	2	3	41	34.17	22	2	31.7	Mer.	157	21	
2167	6	48.06	2	3	41	41.44	26	47	38.9	Tr.	157	16	
	5	48.91	1			41.50			39.7 [2]	Mer.	154	40	[2] Decl. changed ten rev. south.
2168	9	47.84	1	3	41	48.80	22	39	29.3	Tr.	146	22	
2169	9	47.84	1	3	41	49.46	22	43	3.6	Tr.	146	23	
2170	5	47.09	2	3	41	52.50	30	37	21.6	Mer.	83	9	
	7.8	47.02	2			52.62			22.4	Mu.	86	36	
	5	47.79	2			52.83 [3]			16.7	Mer.	206	197	[3] R. A. decreased 1 min. One of three threads rejected; R. A. $=54^{s}.07$.
2171	8	47.79	..	3	41	52. . .	30	33	41.7	Mer.	206	198	
	9	47.02	2			52.69			44.3	Mu.	86	37	
	8.9	47.09	2			52.94			42.5	Mer.	83	10	
2172	8.9	48.01	1	3	41	55.74	27	12	33.4	Mu.	151	36	
	9	48.91	2			55.88			32.5	Mer.	154	39	
2173	7	47.96	1	3	41	59.36	24	9	34.2 [4]	Tr.	151	30	[4] Decl. changed two wire intervals north.
	9	47.80	1			59.85			37.4	Tr.	142	78	
2174	6	48.93	3	3	41	59.47	21	21	54.1	Mu.	213	13	
2175	9	47.80	2	3	42	0.57	24	5	51.5	Tr.	142	79	
2176	..	47.82	1	3	42	20.45 [5]	25	38	4.5	Mer.	210	49	[5] R. A. increased 1 min. and decreased one thread interval.
	9	47.84	2			20.92			0.1 [6]	Mer.	212	57	
2177	..	47.82	2	3	42	31.67	25	35	15.4	Mer.	210	50	[6] Decl. changed one rev. north.
	9	47.84	1			31.68			11.1	Mer.	212	58	
2178	8	49.11	5	3	42	33.52	28	55	47.8	Mu.	223	4	
2179	8.9	46.82	3	3	42	35.69 [7]	32	14	25.9	Mu.	78	35	[7] One of four threads rejected; R. A. $=36^{s}.60$.
	9	47.02	5			35.73			25.7	Mer.	81	30	
2180	9	47.95	4	3	42	41.78	25	8	27.8	Mer.	216	46	
	9	47.93	2			41.99			28.4	Tr.	149	62	
2181	6.7	48.06	3	3	42	42.16	26	29	33.8	Tr.	155	30	
2182	9	48.93	2	3	42	44.37	21	20	12.8	Mu.	213	14	
2183	9	47.80	1	3	42	45.48	23	33	10.8	Tr.	142	80	
2184	9	47.79	1	3	43	1.93	28	0	. . . .	Tr.	139	84	
	10	48.96	1			2.21			48.6	Mu.	214	50	
2185	8	48.91	2	3	43	3.93	26	44	33.0	Mer.	154	41	
2186	8	47.84	1	3	43	4.69	25	47	36.9	Mer.	212	59	
2187	7.8	48.01	3	3	43	18.55	27	34	1.6	Mu.	151	37	
2188	10	47.84	1	3	43	26.84	22	24	43.2	Tr.	146	24	
2189	9	48.78	4	3	43	31.10	19	12	13.5	Tr.	203	17	
2190	9	47.80	1	3	43	32.59	23	35	43.7	Tr.	142	81	
2191	6.7	47.84	1	3	43	34.28	25	57	55.7	Mer.	212	60	
	9	48.06	2			34.56			50.4	Tr.	155	31	
	7	47.82	1			34.65			50.5	Mer.	210	51	
2192	8	47.95	2	3	43	39.54	25	9	42.0	Mer.	216	47	
	9	47.93	1			39.78			34.9 [8]	Tr.	149	63	[8] Decl. changed one wire interval north.
2193	10	48.93	1	3	43	58.54	21	6	35.0	Mu.	213	15	
2194	9	48.91	3	3	44	19.26	27	3	31.4	Mer.	154	42	
	9	48.06	1			19.27			35.3 [9]	Tr.	157	17	[9] Decl. changed one wire interval north.
2195	8	47.93	4	3	44	21.47	30	7	58.8	Mer.	214	74	
2196	8	46.82	5	3	44	22.35	32	44	32.5	Mu.	78	36	
2197	12	48.78	2	3	44	28.88 [10]	19	21	50.2	Tr.	203	18	[10] One of three threads rejected; R. A. $=29^{s}.73$.
2198	9	49.07	3	3	44	31.65 [11]	31	0	54.5	Mer.	160	18	[11] R. A. increased 30 sec.
	9.10	47.09	2			31.95			51.4	Mer.	83	11	
2199	9	47.93	1	3	44	32.00	30	23	10.3	Mer.	214	75	
2200	9	47.80	1	3	44	32.37	23	57	19.0	Tr.	142	82	
2201	8	47.09	4	3	44	34.62	31	8	43.6	Mu.	89	6	
	6	49.07	4			34.72 [12]			43.8	Mer.	160	17	[12] R. A. increased 30 sec.
2202	9	47.96	3	3	44	38.42	24	34	0.2	Tr.	151	31	
2203	6.7	46.82	7	3	44	43.77 [13]	43	11	5.6	Mer.	79	38	[13] Minute assumed. R. A. about 1 sec. less than Tay D, and Gou.
2204	7	47.93	1	3	44	53.84	29	51	23.5	Mer.	214	76	
2205	6	48.93	4	3	44	56.62 [14]	21	43	56.3	Mer.	157	22	[14] One thread increased 10 sec.
2206	9	47.82	3	3	45	13.52	23	23	2.6	Mu.	143	55	
	9	48.05	3			13.75			2.9	Mu.	155	35	
2207	10	47.93	2	3	45	15.36	22	54	37.4 [15]	Mer.	116	64	[15] If micrometer reading be assumed as 43.33 instead of 42.83 rev., as recorded, Decl. = 20″.1.
	9	47.84	1			16.04			20.7	Tr.	146	25	
2208	7	47.02	5	3	45	16.45	32	6	22.8	Mer.	81	31	
2209	9	48.93	1	3	45	17.94	21	41	1.8	Mer.	157	23	
2210	6	49.07	1	3	45	20.96	31	19	35.9	Mer.	160	19	
	9	47.09	2			21.23			36.5	Mu.	89	7	
2211	9	47.09	3	3	45	21.75	30	31	47.9	Mer.	83	12	
	9	47.02	4			21.80			49.8	Mu.	86	38	
	7.8	47.79	5			21.85			44.1	Mer.	206	199	
2212	11	47.93	1	3	45	28.80	22	39	59.0	Mer.	116	65	
2213	8	47.84	1	3	45	38.99	26	2	24.2	Mer.	212	61	
	10	48.06	1			39.01			22.3	Tr.	155	32	
2214	9	47.84	1	3	45	39.67	25	24	30.7	Mer.	212	62	
	8	47.82	3			39.86			33.1	Mer.	210	52	
2215	9	47.95	4	3	45	46.40 [16]	24	51	47.6	Mer.	216	48	[16] One thread increased 30 sec.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
2216	8	48.93	2	3	45	52.65	21	37	13.8	Mer.	157	24	
	10	48.93	2			52.83			13.1	Mu.	213	16	
2217	9	47.79	2	3	45	56. . . [1]	28	31	. . . .	Tr.	139	85	[1] R. A. increased 1 min. Separate threads give 56^{s}.94, 56^{s}.02.
2218	9	48.06	2	3	46	7.67	26	22	59.0	Tr.	155	33	
2219	8	47.93	2	3	46	18.71	22	43	45.3 [2]	Mer.	116	66	[2] Decl. changed one rev. south.
	9	47.84	2			18.79			39.1	Tr.	146	26	
2220	9.10	48.05	1	3	46	20.05	23	23	32.2	Mu.	155	36	
	9.10	47.82	1			20.98			32.2	Mu.	143	56	
2221	10	48.91	2	3	46	26.80 [3]	27	15	41.5	Mer.	154	43	[3] R. A. increased 1 min.
2222	9	47.84	1	3	46	40.36	25	54	55.6	Mer.	212	63	
	9	47.82	1			40.73			52.5	Mer.	210	53	
2223	10	47.84	1	3	46	50.18	25	46	19.8	Mer.	212	64	
2224	9	48.93	1	3	46	54.31	21	27	47.4	Mu.	213	17	
2225	4	47.95	7	3	47	19.65	25	3	31.7	Mer.	216	49	
	5	47.93	5			19.80			35.5	Tr	149	64	
2226	9	48.06	2	3	47	23.31	26	16	21.1	Tr.	155	34	
2227	7.8	47.80	2	3	47	27.61	23	34	15.9	Tr.	142	83	
	7	47.82	3			27.70			17.1	Mu.	143	57	
	8	48.05	3			28.18 [4]			18.5	Mu.	155	37	[4] One of four threads rejected; R. A.=27^{s}.48.
2228	9	49.11	2	3	47	29.52	28	45	15.3	Mu.	223	5	
2229	9	47.80	1	3	47	31.51	23	53	12.0	Tr.	142	84	
2230	10	47.93	1	3	47	37.71	22	49	46.7 [5]	Mer.	116	67	[5] Decl. changed one wire interval north.
	9	47.84	2			37.99			39.5	Tr.	146	27	
2231	10	47.84	1	3	47	54.79	22	16	57.3	Tr.	146	28	
	8	48.93	3			55.36			55.8	Mer.	157	25	
2232	8	48.93	1	3	48	2.53	21	7	42.9	Mu.	213	18	
2233	8	48.96	4	3	48	5.69	28	6	56.1	Mu.	214	51	
	6.7	47.79	4			5.70 [6]			. . . .	Tr.	139	86	[6] R. A. increased 1 min.
2234	10	48.96	. .	3	48	6. . .	27	53	21.2 [7]	Mu.	214	52	[7] If the micrometer reading be assumed as 46.195 instead of 46.495 rev., as recorded, Decl. =40".1, which agrees with GZ.
2235	9	47.95	1	3	48	10.02	25	20	21.3 [8]	Mer.	216	50	
	7	47.84	1			10.13 [9]			5.1	Mer.	212	65	
	7	47.82	2			10.30			6.4	Mer.	210	54	[8] If micrometer reading be assumed as 33.780 instead of 33.180 rev., as recorded, Decl. =0".6.
2236	10	48.91	2	3	48	31.67	27	2	22.9	Mer.	154	44	
2237	9	47.93	2	3	48	45.68	25	19	31.9	Tr.	149	65	
	8	47.95	2			45.72			34.9	Mer.	216	51	[9] R. A. increased 1 min.
	6	47.82	2			45.73			37.5	Mer.	210	55	
	7	47.84	2			45.82 [10]			34.7	Mer.	212	66	
2238	7	46.82	4	3	48	47.38	43	36	36.5	Mer.	79	39	[10] R. A. increased 1 min.
2239	9	48.93	2	3	48	48.62	22	0	52.0	Mer.	157	26	
2240	9	47.79	2	3	48	58.52 [11]	28	3	. . . .	Tr.	139	87	
2241	9	47.79	1	3	49	5.57	28	10	. . . .	Tr.	139	88	[11] R. A. increased 1 min.
2242	8	48.93	2	3	49	5.71	22	2	15.0	Mer.	157	27	
2243	8	48.91	4	3	49	6.11	26	59	11.0	Mer.	154	45	
	9	48.06	1			6.55			9.2	Tr.	157	18	
2244	9	47.84	1	3	49	12.61 [12]	22	18	60.0	Tr.	146	29	
	10	47.93	2			12.74			58.0 [13]	Mer.	116	68	[12] R. A. increased one thread interval.
2245	9.10	47.02	2	3	49	13.45 [14]	32	32	26.9	Mer.	81	32	[13] Decl. changed one rev. north.
2246	7.8	48.06	2	3	49	18.20	26	22	10.9	Tr.	155	35	[14] One of three threads rejected; R. A.=12^{s}.58.
2247	7	48.06	2	3	49	20.37	26	39	22.0	Tr.	157	19	
	6.7	48.06	1			20.43			19.4	Tr.	155	37	
	6	48.91	1			20.53			20.2	Mer.	154	46	
2248	9	48.05	2	3	49	29.38	23	59	25.7	Mu.	155	38	
	9	47.82	2			29.60			23.1	Mu.	143	58	
	9	47.80	1			29.85			19.1	Tr.	142	85	
2249	9	47.80	1	3	49	29.69	23	28	56.6	Tr.	142	86	
2250	9	48.06	1	3	49	30.85	26	23	5.5	Tr.	155	36	
2251	9	48.05	2	3	49	44. . . [15]	23	51	51.9	Mu.	155	39	[15] Separate threads give 44^{s}.27, 45^{s}.21.
	8.9	47.82	2			44.84			52.1	Mu.	143	59	
	9	47.80	2			44.90			50.8	Tr.	142	87	
2252	8	47.93	3	3	49	57.16	30	15	1.1	Mer.	214	77	
2253	9.10	49.11	2	3	49	57.92 [16]	28	43	40.1	Mu.	223	6	[16] R. A. increased 1 min.
2254	5	47.82	3	3	50	7.05	25	36	27.7	Mer.	210	56	
	6	47.84	3			7.56			27.6	Mer.	212	67	
2255	7	47.93	4	3	50	8.25	30	5	51.6	Mer.	214	78	
2256	9	47.79	1	3	50	15.37	28	26	. . . .	Tr.	139	89	
2257	8	48.78	2	3	50	19.74	18	59	25.8	Tr.	203	19	
2258	9	47.80	2	3	50	24.74	23	37	17.8	Tr.	142	88	
2259	9	47.02	2	3	50	30.54	30	25	56.8 [17]	Mu.	86	39	[17] Decl. changed one rev. north.
	9	47.09	4			30.82			56.3	Mer.	83	13	
	9	47.79	1			31.33			57.6	Mer.	206	200	
2260	9	47.84	1	3	50	32.64 [18]	25	26	43.9	Mer.	212	68	[18] "Seconds of transit doubtful."
2261	9	46.82	3	3	50	33.76	32	8	2.0 [19]	Mu.	78	37	[19] Micrometer rev. assumed.
	8.9	47.02	5			33.94			0.2	Mer.	81	33	
2262	9	48.91	1	3	50	43.28	27	11	3.9 [20]	Mer.	154	47	[20] Decl. changed one rev. south.
	8.9	48.01	2			43.50			7.6	Mu.	151	38	
	9.10	48.91	2			43.56 [21]			7.7	Mu.	210	76	[21] One of three threads rejected; R. A.=42^{s}.70.
2263	7	48.96	1	3	50	46.07	27	57	14.4	Mer.	158	1	
	9	48.96	4			46.13			12.3	Mu.	214	53	
2264	7	47.93	4	3	50	50.38	25	4	4.7	Tr.	149	66	
	8	47.95	6			50.45			4.7	Mer.	216	52	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
2265	9	47.80	1	3	50	50.64	23	57	22.1	Tr.	142	89	
2266	9	48.06	1	3	51	13.69	26	10	27.9	Tr.	155	38	
2267	7	46.82	7	3	51	15.76	43	33	4.5	Mer.	79	40	
2268	11	47.93	2	3	51	19.71 [1]	22	54	34.6	Mer.	116	69	[1] One of three threads rejected; R. A.=$20^{s}.48$.
2269	9	47.79	2	3	51	35. . . [2]	30	18	4.0	Mer.	206	201	[2] Separate threads give $36^{s}.26$, $35^{s}.14$.
	9	47.93	2			35.33			11.1	Mer.	214	79	
	9	47.09	2			35.67			10.6	Mer.	83	14	
2270	8.9	48.96	3	3	51	42.33	28	18	23.1	Mu.	214	54	
	9	47.79	3			42.51 [3]			. . . .	Tr.	139	90	[3] Separate threads give $42^{s}.08$, $42^{s}.93$, $42^{s}.52$.
2271	8	47.84	1	3	51	51.61	25	17	58.8	Mer.	212	69	
	10	47.95	2			52.13			62.6	Mer.	216	53	
2272	9	48.06	1	3	52	5.04	26	32	31.9	Tr.	155	39	
	10	48.06	1			5.07			34.7	Tr.	157	20	
	7	48.91	3			5.33			27.4	Mer.	154	48	
2273	8	47.96	3	3	52	9.72	24	13	40.8	Tr.	151	32	
2274	10	48.91	2	3	52	22.22 [4]	27	27	33.3	Mu.	210	77	[4] One of three threads rejected; R. A.=$23^{s}.01$.
	8	48.01	1			22.51			31.3	Mu.	151	39	
	8	48.96	3			22.69			33.7	Mer.	158	2	
2275	9	47.80	1	3	52	23.71	23	29	5.6	Tr.	142	90	
2276	9	48.05	2	3	52	30.46	23	34	28.4	Mu.	155	40	
	9	47.80	1			30.47			28.1	Tr.	142	91	
2277	10	49.07	1	3	52	36.60	30	59	50.5	Mer.	160	20	
	10	47.09	2			37.29			50.7	Mer.	83	15	
2278	10	47.79	1	3	52	37.52	28	10	. . . .	Tr.	139	91	
2279	9.10	48.96	2	3	52	54.72	27	51	28.8	Mu.	214	55	
2280	10	48.91	1	3	52	55.02 [5]	27	25	30.7	Mu.	210	78	[5] "Time of transit doubtful." R. A. decreased 5 sec.
2281	8	47.93	3	3	53	6.46	29	59	27.0	Mer.	214	80	
2282	10	48.06	1	3	53	12.39	26	20	24.1	Tr.	155	40	
2283	9	48.78	4	3	53	19.90	19	40	24.6	Tr.	203	20	
2284	9	49.11	4	3	53	21.22	29	12	15.4	Mu.	223	7	
2285	9	47.95	4	3	53	22.87	25	0	31.6	Mer.	216	54	
	9	47.93	2			23.07			28.5	Tr.	149	67	
2286	9	47.80	1	3	53	27.60 [6]	23	36	15.3	Tr.	142	92	[6] R. A. decreased one thread interval.
	9	48.05	2			28.42			17.0	Mu.	155	41	
2287	5	47.96	3	3	53	31.90	24	26	42.3	Tr.	151	33	
2288	9	47.93	1	3	53	32.78	29	46	1.7	Mer.	214	81	
2289	9	47.84	3	3	53	39.39	25	45	41.2	Mer.	212	70	
2290	8.9	48.01	1	3	53	50.28	27	41	36.9	Mu.	151	40	
	10	48.91	1			50.84			44.1	Mu.	210	79	
2291	9	48.05	2	3	53	50.66	23	35	53.3	Mu.	155	42	
	9	47.80	1			51.39 [7]			51.7	Tr.	142	93	[7] R. A. decreased one thread interval.
2292	9	47.80	1	3	53	57.46	23	35	25.8	Tr.	142	94	
2293	9	48.91	1	3	54	12.88	27	15	43.7 [8]	Mu.	210	80	[8] Decl. changed five rev. north.
	6	48.96	4			13.06			45.0	Mer.	158	3	
	8	48.91	4			13.23			45.8	Mer.	154	49	
	9	48.06	1			13.33			45.7	Tr.	157	21	
2294	9	48.96	3	3	54	13.91	28	6	55.5	Mu.	214	56	
	9	47.79	3			14.22			. . . .	Tr.	139	92	
2295	9	48.93	3	3	54	19.74	21	8	18.3	Mu.	213	19	
2296	9	48.93	2	3	54	25.22	21	55	10.2	Mer.	157	28	
2297	9	47.80	2	3	54	36.91	23	42	26.7	Tr.	142	95	
2298	9	47.84	2	3	54	41.30	25	35	59.1	Mer.	212	71	
2299	5	47.79	4	3	54	41.53 [9]	30	54	54.1	Mer.	206	202	[9] Two of six threads rejected; R. A.=$42^{s}.27$, $40^{s}.80$.
	5	47.09	7			41.58			56.0	Mer.	83	16	
	5	47.06	5			41.62 [10]			55.9	Mu.	87	1	[10] One of six threads rejected; R. A.=$42^{s}.56$.
	5	49.07	2			41.67 [11]			56.4	Mer.	160	21	[11] One of three threads rejected; R. A.=$40^{s}.70$.
	7	47.02	3			41.70			56.0	Mu.	86	40	
	7.8	47.09	2			41.77 [12]			54.9	Mu.	89	8	[12] One of three threads rejected; R. A.=$40^{s}.96$.
2300	10	47.93	2	3	54	42. . . [13]	22	41	59.8	Mer.	116	70	[13] R. A. increased 2 min. Separate threads give $43^{s}.29$, $42^{s}.44$.
	7	47.84	2			42.67			66.7	Tr.	146	30	
2301	9	48.96	1	3	54	43.25	27	47	6.3	Mu.	214	57	
	9	48.01	1			43.30			4.0	Mu.	151	41	
2302	8.9	49.11	2	3	54	57. . . [14]	28	41	39.4 [15]	Tr.	223	8	[14] Separate threads give $56^{s}.47$, $57^{s}.66$.
	9	47.79	2			57.22			. . . .	Mu.	139	93	[15] Decl. changed one rev. north.
2303	9	48.01	1	3	54	58.83	27	49	55.3	Mu.	151	42	
	9	48.96	2			59.57			49.7	Mer.	158	4	
	9	48.96	1			60.73 [16]			56.2	Mu.	214	58	[16] Transit over thread V recorded at the same tenth of a second as transit over thread VI of Mu. 214, No. 57, 17^{s} preceding, 3′ north.
2304	8	48.06	3	3	55	6.11	26	56	23.3	Tr.	157	22	
	6	48.91	4			6.32			26.3	Mer.	154	50	
2305	7	48.92	2	3	55	21.78	21	26	30.3	Mu.	213	20	
2306	9	47.79	1	3	55	28.32	28	8	. . . .	Tr.	139	94	
2307	9	47.80	1	3	55	41.12 [17]	24	7	19.5	Tr.	142	96	[17] R. A. decreased 1 min.
2308	9	47.95	4	3	55	55.42 [18]	24	51	45.4	Mer.	216	55	[18] One of five threads rejected; R. A.=$54^{s}.52$.
2309	9.10	47.09	3	3	56	3.09	30	53	27.3	Mu.	89	9	
	9	47.09	3			3.15			26.2	Mer.	83	17	
	8	47.79	4			3.60			22.1	Mer.	206	203	
2310	9	48.92	1	3	56	10.96	21	8	33.4	Mu.	213	21	
2311	10	47.93	2	3	56	14.44	22	24	9.7	Mer.	116	71	
2312	7.8	49.11	3	3	56	16.34	28	56	56.8	Mu.	223	9	
2313	8	48.91	2	3	56	18. . . [19]	27	2	59.5	Mer.	154	51	[19] Separate threads give $18^{s}.31$, $19^{s}.36$.
	10	48.06	1			18.75			59.3	Tr.	157	23	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
2314	10	48.06	1	3	56	30.42	26	30	38.5	Tr.	155	41	
2315	8	48.96	1	3	56	30.60	27	24	58.6	Mer.	158	6	
	9	48.91	3			30.84			58.4	Mu.	210	81	
2316	6	48.96	4	3	56	31.70	27	54	19.7	Mer.	158	5	
	9	48.96	3			31.81			19.8	Mu.	214	59	
	7	48.01	3			31.86			19.4	Mu.	151	43	
	8	47.80	4			31.91			22.3	Mu.	141	1	
2317	10	48.91	1	3	56	39.33	27	20	38.8	Mu.	210	82	
2318	10	47.93	2	3	56	42.91	30	2	39.7	Mer.	214	82	
2319	7	48.93	4	3	56	43.73	21	50	7.4	Mer.	157	29	
2320	9	47.09	1	3	56	55.07	31	39	41.2	Mu.	89	10	
	9	47.06	3			55.08 [1]			38.5	Mu.	87	2	[1] One of four threads rejected; R. A.=53^{s}.73.
	8	49.07	5			55.13 [2]			39.5	Mer.	160	22	[2] R. A. increased 1 min.
2321	10	48.06	1	3	57	5.65	26	25	58.1	Tr.	155	42	
2322	7	47.95	4	3	57	7.28 [3]	24	52	29.9	Mer.	216	56	[3] Two threads decreased 10 sec. each.
2323	7	48.93	2	3	57	15.67 [4]	22	4	58.9	Mer.	157	30	[4] One thread increased 10 sec.
2324	8	48.91	1	3	57	17.55	26	53	47.9 [5]	Mer.	154	52	[5] Decl. changed one rev. north.
	9	48.06	2			17.74			46.3	Tr.	157	24	
2325	5.6	48.06	2	3	57	17.90	26	15	50.3	Tr.	155	43	
2326	9	47.93	3	3	57	20.05	25	17	27.6	Tr.	149	68	
2327	9	47.80	1	3	57	50.42	23	38	52.8	Tr.	142	97	
2328	8	47.84	2	3	57	58.79	25	27	40.6	Mer.	212	72	
2329	9.10	47.02	1	3	58	9.76	32	11	26.1	Mer.	81	34	
2330	9	48.96	2	3	58	13.54 [6]	28	3	58.5	Mu.	214	60	[6] R. A. decreased 1 min. and increased 10 sec.
	9	47.80	3			13.73			57.2	Mu.	141	2	
	9	47.79	2			13.73			.... [7]	Tr.	139	95	[7] Decl. changed two rev. north.
2331	8	47.95	1	3	58	33.55	24	49	39.3	Mer.	216	57	
2332	9	47.84	2	3	58	36.42	25	55	19.9	Mer.	212	73	
	9	48.06	1			36.74			19.6	Tr.	155	44	
2333	9	47.79	1	3	58	36.69	28	9	....	Tr.	139	96	
2334	7	48.93	2	3	58	38.47	21	51	49.8	Mer.	157	31	
2335	8	49.11	4	3	58	38.96 [8]	28	45	39.6	Mu.	223	10	[8] One thread decreased one thread interval.
2336	10	47.93	4	3	58	40.32	30	25	17.9	Mer.	214	83	
2337	9	47.93	3	3	58	44.57	22	31	22.2	Mer.	116	72	
	9.10	47.84	1			44.78			....	Tr.	146	31 [9]	[9] "Instrument hit between this star and Tr. 146, No. 30."
2338	8	47.79	4	3	58	53.82 [10]	30	37	59.3	Mer.	206	204	
	8	47.09	3			54.07			59.7	Mer.	83	18	[10] One of five threads rejected; R. A.=54^{s}.64.
	9	47.02	4			54.17 [11]			63.4	Mu.	86	41	[11] One of five threads rejected; R. A.=54^{s}.88.
2339	9	47.79	2	3	59	0.57 [12]	30	35	23.2	Mer.	206	205	[12] Two threads decreased one thread interval each, and one of them rejected; R. A.=1^{s}.73.
	9	47.09	2			1.34			28.8	Mer.	83	19	
	9	47.02	2			1.42			28.1	Mu.	86	42	
2340	9.10	49.11	2	3	59	10. .. [13]	28	45	42.1	Mu.	223	11	[13] Separate threads give 10^{s}.42, 11^{s}.52. First thread agrees with AW and the second with GZ.
2341	9	47.06	2	3	59	11.00 [14]	31	34	47.3	Mu.	87	3	
	8	49.07	3			11.41			52.4	Mer.	160	23	
2342	6	48.92	3	3	59	11.84	20	55	16.0	Mu.	213	22	[14] One of three threads rejected; R. A.=7^{s}.86.
2343	7.8	47.80	3	3	59	26.42	28	3	56.2	Mu.	141	3	
	5.6	47.79	7			26.49			....	Tr.	139	97	
	7	48.96	3			26.52 [15]			55.7	Mu.	214	61	[15] One of four threads rejected; R. A.=25^{s}.68.
2344	9	47.80	1	3	59	31.27 [16]	23	51	31.7	Tr.	142	98	[16] R. A. increased 1 min.
2345	10	47.93	3	3	59	33.69	22	32	21.5	Mer.	116	73	
	9	47.84	1			33.70			....	Tr.	146	32 [17]	[17] See note on No. 2337_2.
2346	7.8	47.06	3	3	59	41. .. [18]	31	27	32.1	Mu.	87	4	[18] Separate threads give 41^{s}.36, 40^{s}.82, 41^{s}.87.
	7.8	47.09	5			41.39			33.6	Mu.	89	11	
	6	49.07	3			41.27			35.6	Mer.	160	24	
2347	8.9	49.07	2	3	59	46.29 [19]	23	41	19.5	Mu.	219	1	[19] One of three threads rejected; R. A.=45^{s}.31.
	9	48.05	2			46.46 [20]			20.8	Mu.	155	44	[20] See note on No. 2349_3.
	9	47.80	1			46.59 [21]			17.6	Tr.	142	99	[21] R. A. increased 1 min.
2348	9	47.80	1	3	59	47.60	23	38	48.3	Tr.	142	101	
2349	8.9	49.07	2	3	59	47.74	23	53	20.2	Mu.	219	2	
	8.9	47.80	2			47.84 [22]			20.1	Tr.	142	100	[22] R. A. increased 1 min.
	9	48.05	4			47.93 [23]			18.4	Mu.	155	43	[23] Assumed thread VII of this star was interchanged with thread VII of Mu. 155, No. 44.
2350	8	47.93	5	3	59	52.32	30	5	9.3	Mer.	214	84	
2351	8	47.95	4	4	0	4.56	25	5	34.6	Mer.	216	58	
2352	7	48.93	4	4	0	11.78	22	4	31.6	Mer.	157	32	
2353	10	47.84	1	4	0	25.74	25	57	27.9	Mer.	212	74	
2354	9	47.84	3	4	0	28.56	22	23	....	Tr.	146	33 [24]	[24] See note on No. 2337_2.
2355	9.10	47.09	1	4	0	28.70 [25]	31	3	30.2	Mer.	83	20	[25] R. A. decreased one thread interval. If instead R. A. be decreased 20 sec., R. A.=27^{s}.72.
2356	9	47.09	2	4	0	49.78	31	19	29.0	Mu.	89	12	
	6	49.07	1			50.02			32.0	Mer.	160	25	
	9	47.06	2			50.42 [26]			24.5 [27]	Mu.	87	5	[26] R. A. decreased one thread interval. If instead R. A. be decreased 20 sec., R. A.=48^{s}.42.
2357	9	48.96	3	4	0	50.47	27	32	23.7	Mer.	158	7	
	8	48.01	4			50.60			20.3	Mu.	151	44	[27] Decl. changed one rev. north.
	9.10	48.91	3			50.85 [28]			22.3	Mu.	210	83	[28] One of four threads rejected; R. A.=49^{s}.40.
2358	9	47.80	1	4	0	56.45	23	54	43.7	Tr.	142	102	
2359	9	47.10	3	4	1	0.55	29	12	58.7	Mu.	91	1	
2360	8	47.95	2	4	1	8.92 [29]	25	8	52.3	Mer.	216	59	[29] One of three threads rejected; R. A.=7^{s}.98.
2361	9	46.82	4	4	1	11.64	32	8	37.2	Mu.	78	38	
	9	47.02	4			11.87			37.8	Mer.	81	35	
2362	9.10	48.91	..	4	1	12. ..	27	49	13.6	Mu.	210	84	
	9	48.96	3			12.33			10.8	Mu.	214	62	
	9.10	47.80	2			12.44			10.6	Mu.	141	4	
2363	9	49.11	2	4	1	14. .. [30]	29	5	38.2	Mu.	223	12	[30] Separate threads give 15^{s}.48, 14^{s}.39. AW and GZ indicate first thread 1 sec. large.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
2364	10	49.07	1	4	1	21.66	23	30	30.1	Mu.	219	3	
	9	47.80	1			21.97			30.4	Tr.	142	103	
2365	10	47.95	1	4	1	38.97	24	53	53.6	Mer.	216	60	
2366	9	47.80	1	4	1	40.96	23	56	57.5	Tr.	142	104	
2367	9	48.96	3	4	1	43.34	27	58	1.4[1]	Mu.	214	63	[1] Decl. changed one rev. north.
2368	9	48.92	3	4	1	48.90	21	31	47.3	Mu.	213	23	
2369	9	47.84	5	4	1	55.36	25	47	36.7	Mer.	212	75	
2370	11	48.78	4	4	2	15.93	19	31	59.4	Tr.	203	21	
2371	9.10	47.09	2	4	2	21.35	30	50	58.6	Mer.	83	21	
2372	9	47.84	1	4	2	24.56	22	13	....	Tr.	146	34[2]	[2] See note on No. 2337_2.
2373	5	46.82	3	4	2	29.07	43	19	7.5	Mer.	79	41	
2374	7	47.95	1	4	2	41.95	25	24	61.0	Mer.	216	61	
	8	47.84	2			42.07			59.0	Mer.	212	76	
2375	9	47.80	1	4	2	46.92[3]	24	0	37.4[4]	Tr.	142	105	[3] R. A. decreased one thread interval.
2376	9	47.10	4	4	2	54.52	29	18	22.7	Mu.	91	2	[4] Decl. changed one wire interval south.
2377	9	47.10	3	4	3	13.86	29	11	8.8	Mu.	91	3	
	8.9	49.11	5			14.40			10.1	Mu.	223	13	
2378	7.8	46.82	4	4	3	15.11[5]	43	15	15.4	Mer.	79	42	[5] One of five threads rejected; record doubtful.
2379	9	48.96	2	4	3	15.85	28	12	27.9	Mu.	214	64	
2380	9	48.78	2	4	3	19.54	19	23	56.6[6]	Tr.	203	22	[6] Decl. changed one rev. north.
2381	6	47.95	2	4	3	40.04	25	26	25.5	Mer.	216	62	
	7	47.84	1			40.82			18.3	Mer.	212	77	
2382	9	47.80	1	4	3	46.08	23	49	55.4	Tr.	142	106	
2383	10	48.96	2	4	3	52.64	28	2	9.9	Mu.	214	65	
2384	9	47.84	1	4	3	54.77	25	48	48.5	Mer.	212	78	
2385	9.10	49.07	1	4	4	21.90	27	0	4.3	Tr.	211	1	
2386	7	47.84	1	4	4	25.34	25	48	44.8[7]	Mer.	212	80	[7] Decl. changed two wire intervals north.
2387	7	47.84	1	4	4	27.43	25	29	13.9	Mer.	212	79	
2388	9	47.09	2	4	4	28.36[8]	30	40	30.3	Mer.	83	22	[8] Two threads decreased one thread interval each. One of three threads rejected; R. A. = $27^{s}.20$.
2389	9	49.07	2	4	4	34.31[9]	23	46	45.4	Mu.	219	4	
	9	47.80	2			34.44			44.2	Tr.	142	107	
2390	10	48.91	2	4	4	56.75	27	20	3.0[10]	Mu.	210	85	[9] One of three threads rejected; R. A. = $33^{s}.52$.
2391	8	47.84	1	4	5	13.43	25	31	32.4	Mer.	212	81	[10] Decl. changed five rev. south.
2392	7.8	46.82	5	4	5	15.73[11]	43	0	56.2	Mer.	79	43	[11] Last four threads decreased 6 sec. each.
2393	8	48.96	3	4	5	19.36	27	9	5.4	Mer.	158	8	
	10	48.91	1			19.54[12]			2.8	Mu.	210	86	[12] R. A. increased one thread interval.
2394	9	47.80	1	4	5	23.27	23	36	16.2	Tr.	142	108	
2395	9.10	48.96	2	4	5	51.50	27	56	34.1	Mu.	214	66	
	9.10	47.80	1			51.87			33.3	Mu.	141	5	
2396	9.10	49.11	1	4	6	0.10	28	49	41.4	Mu.	223	14	
2397	10	48.91	1	4	6	8.15	27	26	52.4	Mu.	210	87	
	8	48.96	3			8.44			49.1	Mer.	158	9	
2398	9	47.02	2	4	6	14.27	30	49	30.2	Mu.	86	43	
	8	47.09	3			14.64			30.3	Mer.	83	23	
2399	9	47.80	1	4	6	20.46	23	43	39.5	Tr.	142	110	
2400	10	48.91	1	4	6	24.76	27	19	7.5	Mu.	210	88	
2401	8	49.07	1	4	6	27.28[13]	24	12	31.8	Mu.	219	6	[13] AW and Gou give R. A. 1 sec. less.
2402	9.10	47.80	1	4	6	27.66	28	22	13.8	Mu.	141	6	
	9.10	48.96	2			27.83			13.9	Mu.	214	67	
2403	9	47.10	3	4	6	28.62	29	29	17.0	Mu.	91	4	
2404	7	47.02	3	4	6	30.55[14]	31	57	51.1	Mer.	81	36	[14] R. A. decreased 1 min.
2405	8	49.07	3	4	6	39.39	23	30	47.8	Mu.	219	5	
	8	47.80	3			39.53			49.1	Tr.	142	109	
2406	9.10	49.11	..	4	6	41...	28	46	9.9	Mu.	223	16	
2407	9	47.80	1	4	6	50.09	23	26	23.0	Tr.	142	111	
2408	8	47.09	4	4	6	54.23	30	42	2.5	Mer.	83	24	
	9	47.02	4			54.49			2.4	Mu.	86	44	
2409	8	47.84	3	4	6	55.84	25	40	37.8	Mer.	212	82	
2410	8	49.11	3	4	6	56.57	28	55	41.1	Mu.	223	15	
2411	7	47.84	2	4	7	21.26	25	54	45.8	Mer.	212	83	
2412	9.10	47.09	4	4	7	21.93	31	40	4.1	Mu.	89	13	
	6	49.07	3			22.08[15]			4.4	Mer.	160	26	[15] One of four threads rejected; R. A. = $19^{s}.23$.
	8.9	47.06	5			22.28			3.5	Mu.	87	6	
2413	9	47.80	1	4	7	31.13	24	4	59.1	Tr.	142	112	
2414	9	47.80	1	4	7	52.33	24	4	41.8	Tr.	142	113	
2415	7	47.09	2	4	8	6.19	30	29	48.4[16]	Mer.	83	25	[16] Decl. changed ten rev. south.
	8	47.06	3			6.38			44.9	Mer.	82	1	
	8	47.02	2			6.58			42.8	Mu.	86	45	
2416	6.7	47.02	2	4	8	10.26	32	25	27.2	Mer.	81	37	
2417	8	47.84	2	4	8	34.13	25	23	26.5	Mer.	212	84	
2418	10	48.96	1	4	8	50.81	27	46	53.6	Mu.	214	68	
2419	9	47.84	1	4	8	53.47	25	55	24.3	Mer.	212	85	
2420	9	47.80	1	4	9	0.84[17]	23	44	41.4	Tr.	142	114	[17] R. A. decreased one thread interval.
2421	7	47.07	3	4	9	8.85	30	27	9.6	Mu.	88	1	
	7.8	47.09	3			9.02			2.4	Mer.	83	26	
	7.8	47.06	2			9.19			1.2	Mer.	82	2	
	8	47.02	3			9.22			2.2	Mu.	86	46	
2422	9	47.10	5	4	9	11.82	29	17	56.6	Mu.	91	5	
2423	9	47.80	1	4	9	19.82	23	47	46.3	Tr.	142	115	
2424	7.8	47.80	2	4	9	22.11	23	36	61.2	Tr.	142	116	
	8	49.07	2			22.44			57.0	Mu.	219	7	
2425													No star belongs to this number.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
2426	8	47.02	2	4	9	22.84	32	10	0.2	Mer.	81	38	
2427	6.5	47.84	2	4	9	24.45	22	30	....	Tr.	146	35[1]	[1] See note on No. 2337$_2$.
2428	9	49.11	2	4	9	32.70[2]	28	46	21.6	Mu.	223	17	[2] Separate threads give R. A.=33^s.08, 32^s.31.
2429	8	49.07	3	4	9	45.56[3]	30	55	59.3	Mer.	160	27	[3] One of four threads rejected; R. A.=46^s.37.
	9	47.09	2			45.82			59.6	Mu.	89	14	
	8	47.06	1			46.11			57.9	Mer.	82	3	
2430	10	48.96	1	4	9	45.65	27	53	20.7	Mu.	214	69	
2431	8	47.84	1	4	9	56.08	25	49	56.6	Mer.	212	86	
2432	9	47.80	1	4	10	6.76	23	54	35.3	Tr.	142	117	
	8.9	49.07	2			6.82			32.3	Mu.	219	8	
2433	8.9	47.02	2	4	10	7.84	32	21	55.7	Mer.	81	39	
2434	9	49.07	3	4	10	18.99	31	14	22.3	Mer.	160	28	
2435	9	49.11	3	4	10	27.74	28	47	12.8	Mu.	223	18	
2436	10	48.96	2	4	10	49.82	27	58	20.0	Mu.	214	70	
2437	9	47.10	4	4	10	55.02	29	15	58.0	Mu.	91	6	
2438	9	47.84	2	4	11	7.72	25	41	30.6	Mer.	212	87	
2439	7.8	46.82	6	4	11	14.40	43	0	5.9	Mer.	79	44	
2440	9	47.80	1	4	11	19.82	24	10	14.7	Tr.	142	118	
2441	10	48.96	..	4	11	21...	28	2	38.8	Mu.	214	71	
2442	9.10	47.09	3	4	11	25.31	30	49	33.9	Mer.	83	27	
2443	8	49.07	2	4	11	52.71	31	28	24.0	Mer.	160	29	
	9.10	47.06	2			53.30[4]			27.9	Mu.	87	7	[4] R. A. decreased 1 min.
2444	9	47.80	1	4	11	59.30	23	45	44.8	Tr.	142	119	
2445	9	47.84	1	4	12	0.52	25	38	25.1	Mer.	212	88	
2446	9	47.84	1	4	12	9.07	25	52	29.4	Mer.	212	89	
2447	8	49.07	5	4	12	12.95	23	20	20.9	Mu.	219	9	
2448	9	49.07	1	4	12	27.99	31	13	24.0	Mer.	160	30	
2449	10	48.96	1	4	12	33.81	28	32	37.1	Mu.	214	72	
	9.10	49.11	2			34.22			34.7	Mu.	223	19	
2450	9.10	48.91	2	4	12	42.95	27	5	59.3	Mu.	210	89	
2451	9	47.80	3	4	12	52.24	23	46	53.8	Tr.	142	120	
2452	10	48.96	1	4	13	9.16	28	21	5.8	Mu.	214	73	
2453	9.10	48.91	1	4	13	9.45	27	38	16.2	Mu.	210	90	
	8	48.96	5			9.54			8.9	Mer.	158	10	
2454	8	47.06	2	4	13	14.28	31	41	43.1	Mu.	87	8	
2455	5	47.84	1	4	13	26.26	25	23	22.2	Mer.	212	90	
2456	9	47.10	4	4	13	32.68[5]	29	9	10.8	Mu.	91	7	[5] Two threads increased 1 sec. each.
	8	49.11	1			32.75			10.3	Mu.	223	20	
2457	9	47.80	1	4	14	43.96	24	5	54.5	Tr.	142	121	
2458	9	49.07	3	4	15	17.46	31	33	0.2	Mer.	160	31	
	9	47.06	2			18.48			1.3[6]	Mu.	87	9	[6] Decl. changed one rev. north.
2459	3	47.84	2	4	15	17...[7]	26	5	5.8	Mer.	212	91	[7] Separate threads give 26^s.54, 17^s.16. The second transit was crossed out by the observer, though Gou, AW and Tr. 212, No. 1 indicate that it is the correct one.
	8	49.11	3			17.81			6.4[8]	Tr.	212	1	
2460	9.10	47.10	1	4	15	31.19	29	16	39.6	Mu.	91	8	
2461	9	47.80	1	4	16	10.97	24	6	39.3	Tr.	142	122	
2462	9	47.80	2	4	16	43.88	23	31	35.5	Tr.	142	123	[8] Decl. changed one rev. north.
2463	9	49.07	3	4	16	45.77	31	25	23.5	Mer.	160	32	
2464	6	46.82	7.	4	16	54.51	43	8	52.2	Mer.	79	45	
2465	8	47.07	3	4	16	57...[9]	30	6	27.5	Mu.	88	2	[9] Separate threads give 57^s.98, 57^s.47, 56^s.84.
2466	8.9	49.11	2	4	17	4.18	28	35	23.0	Mu.	223	21	
2467	7	47.84	3	4	17	5.71	25	44	7.5	Mer.	212	92	
	9	48.05	1			6.17			13.1	Tr.	152	1	
2468	9	47.80	3	4	17	23.76	28	0	29.2	Mu.	141	7	
	9	48.96	1			23.77			29.6	Mu.	214	74	
2469	6.7	47.02	6	4	17	32.10	32	30	11.2	Mer.	81	40	
2470	9	47.80	3	4	17	34.14	24	5	16.4	Tr.	142	124	
	9	49.07	2			34.54[10]			17.5	Mu.	219	10	[10] One of three threads rejected; R. A.=33^s.63.
247	9	47.80	2	4	17	36.41	28	10	53.0	Mu.	141	8	
	9.10	48.96	1			36.59			50.6	.Mu.	214	75	
2472	9	47.80	1	4	18	7.85	23	27	2.1	Tr.	142	125	
2473	9	47.84	1	4	18	14.41	22	12	....	Tr.	146	36[11]	[11] See note on No. 2337$_2$.
2474	9.10	47.09	3	4	18	15.55	31	11	50.3	Mu.	89	15	
	9	47.06	4			15.94[12]			51.4	Mu.	87	10	[12] Two threads decreased 1 sec. each.
2475	9	47.10	3	4	18	33.20	29	33	45.7	Mu.	91	9	
2476	9	47.80	2	4	18	49.58[13]	28	33	19.5	Mu.	141	9	[13] One of three threads rejected; R. A.=48^s.85.
	8	49.11	3			49.80			18.0[14]	Mu.	223	22	[14] Decl. changed five rev. south.
2477	7.8	46.82	4	4	18	59.85	43	21	4.4	Mer.	79	46	
2478	8	47.07	1	4	19	23.72	29	45	58.9	Mu.	88	3[15]	[15] Unidentified. Looked for with equatorial but not found. Follows CPD—29°568 by 15 sec. and is 0′.3 south of it.
2479	9	49.11	2	4	19	32.02	28	49	42.7	Mu.	223	23	
2480	10	49.07	1	4	19	44.14[16]	23	27	27.4	Mu.	219	11	
	9	47.80	1			44.27			33.2	Tr.	142	126	[16] One of two threads rejected; R. A.=40^s.57.
2481	8.9	49.07	2	4	20	9.33[17]	23	28	33.1	Mu.	219	12	[17] One of three threads rejected; R A.=10^s.31.
	8.9	47.80	1			9.65			38.2	Tr.	142	127	
2482	8	49.11	3	4	20	11.91	26	37	28.8	Tr.	212	2	
	9	49.07	2			12.19[18]			24.7	Tr.	211	2	[18] One thread increased 5 sec.
	8	48.05	1			12.33			29.5	Mu.	153	1	
2483	9	47.02	4	4	20	18.57	30	40	27.4	Mu.	86	47	
	8	47.06	5			18.79[19]			26.1	Mer.	82	4	[19] R. A. increased 1 min.
	8.9	47.09	4			18.81			26.0	Mer.	83	28	
2484	9	48.91	4	4	20	31.94	27	36	23.1	Mu.	210	91	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
2485	8	48.82	3	4	20	33.83	43	29	19.3	Mer.	79	47	
2486	9	49.11	1	4	20	34.61 [1]	29	0	46.9	Mu.	223	24	[1] "Time of transit doubtful."
2487	9	47.10	4	4	20	39.29	29	17	25.5	Mu.	91	10	
2488	9	47.09	1	4	20	44.73	31	13	58.8	Mu.	89	16	
	8	49.07	5			44.75			59.9	Mer.	160	33	
2489	8	47.84	2	4	20	51.07 [2]	25	20	59.2	Mer.	212	93	[2] R. A. increased 1 min.
2490	8.9	47.09	2	4	20	54.01	30	20	28.6	Mer.	83	29	
	9	47.02	1			54.36 [3]			27.1	Mu.	86	48	[3] R. A. decreased one thread interval.
	8	47.06	2			54.46			24.0	Mer.	82	5	
	7	47.07	1			54.61			27.2 [4]	Mu.	88	4	[4] Decl. changed five rev. north.
2491	10	49.07	1	4	20	55.54	23	53	45.0 [5]	Mu.	219	13	[5] If micrometer reading be assumed as 25.485 instead of 25.185 rev., as recorded, Decl. = 26″.2.
	9	47.80	2			55.86			24.1	Tr.	142	128	
2492	9	49.11	1	4	21	2.24	29	0	40.7	Mu.	223	25	
2493	9	47.80	1	4	21	10.64	23	32	53.7	Tr.	142	129	
2494	9	47.09	2	4	21	24. . . [6]	31	20	57.2	Mu.	89	17 [7]	[6] Separate threads give $25^{s}.38$, $22^{s}.73$.
2495	9	47.06	3	4	21	27.30 [8]	31	21	59.9	Mu.	87	11	[7] Unidentified. Looked for with equatorial but not found. If second thread is assumed as right, this star precedes Mu. 89, No. 18, which is CPD – 31°542, by 5 sec. and is 1′.0 north.
	8	49.07	2			27.34			56.0	Mer.	160	34	
	9	47.09	1			27.55			55.9	Mu.	89	18	
2496	8.9	47.10	3	4	21	28.53	29	32	21.7	Mu.	91	11	
2497	8	47.07	1	4	21	30.67	30	17	58.1 [9]	Mu.	88	5	
	8	47.09	2			30.98			53.6	Mer.	83	30	[8] One thread increased 2 sec., another 1 sec.
	8	47.06	1			31.09			56.3	Mer.	82	6	[9] Decl. changed five rev. north.
	9	47.02	1			31.34 [10]			56.8	Mu.	86	49	[10] R. A. decreased one thread interval.
2498	7	48.05	1	4	21	52.02	26	19	48.6	Mu.	153	2	
	9	49.11	3			52.60			42.7	Tr.	212	3	
2499	9	49.07	. .	4	21	52. . .	23	26	17.9	Mu.	219	15	
	9	47.80	1			53.05			18.6	Tr.	142	130	
2500	9.10	48.91	2	4	21	55.07	27	41	23.3	Mu.	210	92	
2501	6	47.02	3	4	21	56.60	32	44	49.8	Mer.	81	41	
2502	9	49.07	1	4	22	0.52	23	46	44.4	Mu.	219	14	
	9	47.80	2			1.14			42.0	Tr.	142	131	
2503	8.9	49.07	2	4	22	4.09	27	0	3.4	Tr.	211	3	
2504	9	47.02	2	4	22	13.65	32	33	44.2	Mer.	81	42	
2505	8.9	49.07	1	4	22	27.43	26	37	42.8	Tr.	211	4	
2506	7	47.07	2	4	22	39.20 [11]	30	5	32.6	Mu.	88	6	[11] One of three threads rejected; R. A. = $40^{s}.06$.
2507	7	47.84	6	4	22	40.05	25	31	40.6	Mer.	212	94	
2508	9	47.84	1	4	22	54.61	22	49	. . . .	Tr.	146	37 [12]	[12] See note on No. 23372.
2509	. .	47.84	1	4	23	9.06	25	43	28.4 [13]	Mer.	212	95	[13] Decl. changed one rev. north.
2510	7.8	46.82	5	4	23	12.21	43	5	20.5	Mer.	79	48	
2511	9.10	48.91	3	4	23	13.82 [14]	27	20	12.3	Mu.	210	93	[14] Minute assumed.
2512	9	47.80	1	4	23	20.33	23	50	10.7	Tr.	142	132	
2513	7	49.11	2	4	23	22.75	26	36	29.5	Tr.	212	4	
	7	49.07	2			22.85			30.1	Tr.	211	5	
2514	9	49.11	2	4	23	33.33	28	42	59.6	Mu.	223	26	
2515	8.9	47.10	4	4	23	45.81	29	21	32.1	Mu.	91	12	
2516	9	47.80	1	4	23	46.03	23	51	25.6	Tr.	142	133	
	9	49.07	3			46.03			27.8	Mu.	219	16	
2517	8	47.84	1	4	23	50.72 [15]	25	25	15.7	Mer.	212	96	[15] R. A. decreased one thread interval.
2518	9	49.11	1	4	23	52.82	28	45	46.2	Mu.	223	27	
2519	8.9	47.10	1	4	23	59.09	29	12	36.3	Mu.	91	13	
2520	9	49.07	1	4	24	2.55	23	49	21.7	Mu.	219	17	
	9	47.80	1			2.83			20.7	Tr.	142	134	
2521	9	47.80	1	4	24	5.94	23	57	7.7	Tr.	142	135	
2522	8.9	49.07	2	4	24	27.71 [16]	23	44	8.0	Mu.	219	18	[16] Separate threads give $28^{s}.08$, $27^{s}.35$.
	9	47.80	1			27.85			8.5	Tr.	142	136	
2523	8	47.02	5	4	24	30.30	30	46	23.8	Mu.	86	50	
	7.8	47.09	7			30.41			22.2	Mer.	83	31	
	7	47.06	3			30.44 [17]			24.0	Mer.	82	7	[17] One of four threads rejected; R. A. = $29^{s}.63$.
2524	9	49.11	2	4	24	44.58	26	4	45.3	Tr.	212	5	
	7	48.05	1			44.81			48.0	Mu.	153	3	
2525	7	47.84	2	4	24	45. . . [18]	25	18	26.7	Mer.	212	97	[18] Separate threads give $44^{s}.66$, $45^{s}.48$.
	9.10	48.05	2			45.22			24.6	Tr.	152	2	
2526	9	47.02	1	4	24	46.92	32	39	37.3	Mer.	81	43	
2527	8	48.05	1	4	24	53.44 [19]	26	19	57.0	Mu.	153	4	[19] R. A. decreased 10 sec. AW and Gou give R. A. 1 sec. greater.
2528	9	47.80	1	4	24	54.34	23	42	27.0	Tr.	142	137	
2529	9	47.80	3	4	25	11.91	28	10	15.0	Mu.	141	10	
2530	8.9	47.10	2	4	25	21.86	29	12	25.1	Mu.	91	14	
	7.8	49.11	2			22.20			25.2	Mu.	223	28	
2531	7	47.07	2	4	25	33.70	30	6	1.9	Mu.	88	7	
2532	6	46.82	4	4	25	40.37	43	32	26.0	Mer.	79	49	
2533	9	47.02	4	4	25	44.45	32	1	0.3	Mer.	81	44	
2534	6	46.82	3	4	25	44.50 [20]	43	44	14.8	Mer.	79	50	[20] One of four threads rejected; R. A. = $43^{s}.64$.
2535	7.8	49.11	2	4	26	6.32	29	7	27.7	Mu.	223	29	
	8.9	47.10	2			6.84			27.5	Mu.	91	15	
2536	7	47.84	3	4	26	24.46	25	31	34.2	Mer.	212	98	
	9.10	48.05	2			24.55			35.5	Tr.	152	3	
2537	9	47.02	2	4	26	25. . . [21]	30	25	45.8	Mu.	86	51	[21] Separate threads give $26^{s}.11$, $25^{s}.24$.
	8.9	47.06	3			25.80 [22]			47.5 [23]	Mer.	82	8	[22] One thread increased 10 sec.
	9.10	47.09	4			25.98			47.6	Mer.	83	32	[23] Decl. changed one rev. south.
2538	9	47.80	2	4	26	41.75	23	39	45.7	Tr.	142	138	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
2539	9.10	49.11	1	4	26	49.03[1]	28	47	35.1	Mu.	223	30	[1] "Time of transit doubtful."
2540	10	49.07	1	4	26	53.78	26	32	64.4	Tr.	211	6	
	9	49.11	3			53.84			59.8[2]	Tr.	212	6	[2] Decl. changed one wire interval north.
2541	9	47.84	1	4	26	58.08	25	52	45.3	Mer.	212	99	
	9	48.05	2			58.08			46.0	Tr.	152	4	
2542	10	49.07	2	4	26	58.78	23	53	57.1	Mu.	219	19	
	9	47.80	3			59.30			58.9	Tr.	142	139	
2543	9	47.84	1	4	27	13.51	25	44	48.6	Mer.	212	100	
2544	9	47.06	3	4	27	15.02	31	26	39.1	Mu.	87	12	
	8	49.07	4			15.50			40.3	Mer.	160	35	
2545	9.10	47.80	3	4	27	33.07	27	50	43.7	Mu.	141	11	
	9.10	48.91	2			33.33			46.0[3]	Mu.	210	94	[3] Decl. changed one rev. north.
2546	3	47.07	7	4	27	37.55	30	4	21.3	Mu.	88	8	
2547	10	49.07	1	4	27	38.44	26	35	41.5	Tr.	211	7	
2548	9	47.80	2	4	28	2.44	23	44	20.7	Tr.	142	140	
2549	7.8	49.11	2	4	28	3.23	28	45	50.2	Mu.	223	31	
2550	9	47.02	4	4	28	16.52	30	53	17.0	Mu.	86	52	
	7.8	47.06	4			16.65			17.6[4]	Mer.	82	9	[4] Decl. changed one rev. north.
	9	47.09	5			16.73			17.5	Mer.	83	33	
	8	47.09	3			16.79[5]			15.5	Mu.	89	19	[5] One of four threads rejected; R. A.=$15^{s}.72$.
2551	10	48.91	2	4	28	17.39	27	45	36.6	Mu.	210	95	
2552	9	47.84	1	4	28	27.60	25	32	53.6	Mer.	212	101	
2553	9	47.80	1	4	28	29.59	28	28	25.9	Mu.	141	12	
2554	9	47.80	2	4	28	35. . .[6]	28	31	34.7	Mu.	141	13	[6] Separate threads give $35^{s}.56$, $34^{s}.69$.
	9	49.11	. .			35. . .			36.0	Mu.	223	32	
2555	9	47.80	1	4	28	40.18[7]	23	54	8.6	Tr.	142	142	[7] R. A. increased 1 min.
2556	6	47.84	1	4	28	41.27[8]	25	21	8.4	Mer.	212	102	[8] R. A. decreased one thread interval.
	9.10	48.05	2			41.31			4.7	Tr.	152	5	
2557	9	48.05	1	4	28	52.33	26	17	5.2	Mu.	153	5	
	9	49.11	2			52.52			5.0	Tr.	212	7	
2558	9	49.07	2	4	28	57.56	23	36	6.0	Mu.	219	20	
	9	47.80	2			57.70			7.1	Tr.	142	141	
2559	8	47.07	1	4	29	18.92	29	40	13.2	Mu.	88	9	
2560	9.10	48.91	1	4	29	25.01[9]	27	47	35.8	Mu.	210	96	[9] "Time of transit doubtful."
2561	9	47.80	1	4	29	27.75	23	53	34.5	Tr.	142	143	
2562	5	47.06	4	4	29	43.06[10]	30	52	21.7	Mu.	87	13	[10] One of five threads rejected; R. A.=$42^{s}.27$.
	4	49.07	4			43.07			19.8	Mer.	160	36	
	4	47.09	4			43.16			21.9	Mu.	89	20	
	4	47.06	3			43.16			22.1	Mer.	82	10	
	4	47.02	5			43.20			20.6	Mu.	86	53	
	3	47.09	6			43.22[11]			22.1[12]	Mer.	83	34	[11] R. A. decreased 10 sec.
2563	9.10	49.07	2	4	30	14.55	26	52	14.6	Tr.	211	8	[12] Decl. changed eleven rev. north.
2564	10	48.91	1	4	30	27.04	27	45	36.7	Mu.	210	97	
2565	9	48.91	. .	4	30	30. . .	27	21	16.2	Mu.	210	98	
2566	9.10	49.07	1	4	30	32.38	26	44	20.1	Tr.	211	9	
2567	9	47.84	1	4	30	48.60[13]	25	28	48.2	Mer.	212	103	[13] R. A. decreased two thread intervals.
2568	9	47.02	4	4	30	54.37[14]	32	6	34.0	Mer.	81	45	[14] One of five threads rejected; R. A.=$56^{s}.49$.
2569	9	47.80	2	4	30	55.15	23	37	10.8	Tr.	142	144	
2570	8	49.07	5	4	30	56.26	23	21	18.8	Mu.	219	21	
2571	9	47.84	1	4	30	58.28	25	51	45.5	Mer.	212	104	
	9	49.11	2			58.50			44.6	Tr.	212	8	
2572	7	49.07	2	4	31	1.34	31	1	24.7	Mer.	160	37	
	7	47.06	4			1.56			23.1	Mer.	82	11	
	7.8	47.06	3			1.77[15]			25.0	Mu.	87	14	[15] One of four threads rejected; R. A.=$1^{s}.05$.
	7.8	47.09	4			1.79			23.8	Mu.	89	21	
	6	47.09	2			1.82			25.0	Mer.	83	35	
2573	9.10	47.10	2	4	31	5.18	29	15	30.3[16]	Mu.	91	16	[16] Decl. changed five rev. south.
2574	7.8	47.06	1	4	31	14.84	30	44	11.6	Mer.	82	12	
	8	47.02	2			14.97			9.8	Mu.	86	54	
	7	47.09	2			14.99			8.0	Mer.	83	36	
2575	8	47.07	2	4	31	19.31[17]	30	15	18.6	Mu.	88	10	[17] One of three threads rejected; R. A.=$18^{s}.28$.
2576	9	49.11	2	4	31	35.85	28	29	29.1	Mu.	223	33	
2577	9	49.07	2	4	31	37.19	27	4	57.2	Tr.	211	10	
2578	7	47.07	2	4	31	45.28	30	12	12.8	Mu.	88	11	
2579	8.9	48.91	3	4	31	56.55	27	33	48.7	Mu.	210	99	
2580	9	48.05	2	4	32	14.89	26	30	27.3	Mu.	153	6	
	10	49.11	2			15.38			25.8	Tr.	212	9	
2581	9	47.80	1	4	32	26.01	24	2	55.9	Tr.	142	145	
2582	9	48.91	1	4	32	38.24	27	20	2.7[18]	Mu.	210	100	[18] Decl. changed five rev. south.
2583	9	49.07	1	4	32	40.41	31	27	11.0	Mer.	160	39	
2584	9	47.80	1	4	32	43.11	24	3	46.4	Tr.	142	146	
2585	9	48.05	2	4	32	45.70	26	0	22.0	Tr.	152	6	
	8	47.84	3			45.77			20.9	Mer.	212	105	
2586	6.7	48.05	3	4	32	55.04	28	12	36.9	Mer.	219	1	
2587	8	49.07	2	4	33	10.27	31	30	30.1[19]	Mer.	160	38	[19] Decl. changed one wire interval south.
2588	9	47.09	2	4	33	25.29	30	53	33.4	Mer.	83	37	
2589	9	47.02	3	4	33	32.35	30	45	18.3	Mu.	86	55	
	9	47.09	2			32.66			17.8	Mer.	83	38	
2590	9.10	49.11	1	4	33	38.63	28	29	54.9	Mu.	223	34	
2591	9.10	48.91	1	4	33	45.36	27	38	41.5	Mu.	210	101	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
2592	9	47.84	1	4	34	3.17	25	56	33.1	Mer.	212	106	
2593	10	48.05	2	4	34	27. . .[1]	26	4	2.5	Mu.	153	7	[1] Separate threads give $28^{s}.06$, $27^{s}.08$.
	8	47.84	2			27.58			6.1	Mer.	212	107	
	10	49.11	2			27.90			2.2	Tr.	212	10	
2594	9.10	48.91	1	4	34	36.99	27	45	15.8	Mu.	210	102	
2595	9.10	47.09	1	4	34	38.32	31	38	8.3	Mu.	89	22[2]	[2] Unidentified. Looked for with equatorial but not found. Precedes CoD−31°1981, by 32.5 sec. at same Decl.
2596	6	48.05	2	4	34	42.74	28	28	56.1	Mer.	219	2	
	9.10	47.80	3			42.85			59.5	Mu.	141	14	
	8	49.11	4			42.99			60.0	Mu.	223	35	
2597	9.10	49.07	2	4	34	54. . .[3]	23	52	39.9	Mu.	219	22	[3] Separate threads give $55^{s}.02$, $53^{s}.37$.
	9	47.80	2			54.59[4]			44.0	Tr.	142	147	[4] R. A. decreased 1 min.
2598	9.10	47.10	4	4	35	3.29[5]	29	40	35.2	Mu.	91	17	[5] One thread decreased 10 sec.
2599	8	47.84	1	4	35	7.35	25	22	13.1	Mer.	212	108	
2600	9	47.02	7	4	35	18.52	32	31	7.3	Mer.	81	46	
2601	8	47.80	2	4	36	2.12	23	27	53.9[6]	Tr.	142	148	[6] Decl. changed one rev. south.
	8	49.07	3			2.71			55.4	Mu.	219	23	
2602	8	47.07	2	4	36	10.51	29	55	22.1	Mu.	88	12	
2603	9	48.91	3	4	36	49.69	27	18	29.2	Mu.	210	103	
2604	11	49.11	2	4	36	51.13	26	32	18.4	Tr.	212	11	
2605	9	47.80	1	4	36	51.29	24	7	57.0	Tr.	142	150	
2606	8	49.07	2	4	36	58.64	23	54	45.5	Mu.	219	24	
	9	47.80	3			58.68			48.4	Tr.	142	149	
2607	7	47.02	5	4	37	11.60	31	59	40.2	Mer.	81	47	
2608	4.5	47.09	5	4	37	21.52	31	2	51.4	Mer.	83	39	
	7	47.09	5			21.54			49.3	Mu.	89	23	
	6	49.07	5			21.58			52.1	Mer.	160	40	
	7	47.02	4			21.68			51.7	Mu.	86	56	
2609	9	49.11	3	4	37	37.12[7]	28	57	3.4	Mu.	223	36	[7] R. A. increased 1 min.
2610	9	49.11	2	4	37	53.09	26	11	62.4	Tr.	212	12	
	8	48.05	2			53.40[8]			57.2	Mu.	153	8	[8] R. A. decreased 1 min.
2611	. .	47.84	2	4	37	54.40	25	36	27.3	Mer.	212	109	
2612	8	47.02	2	4	38	0.11	32	32	24.8	Mer.	81	48	
2613	9	49.11	2	4	38	6.84[9]	28	57	50.3	Mu.	223	37	[9] R. A. increased 1 min.
2614	8	47.80	1	4	38	12.56	27	51	30.9	Mu.	141	16	
	8	48.91	5			13.38			31.1	Mu.	210	104	
	5	48.05	4			13.50			27.8	Mer.	219	3	
2615	9	47.80	2	4	38	22.65	23	58	23.5	Tr.	142	151	
2616	9	47.80	2	4	38	26.24	23	58	7.3	Tr.	142	152	
2617	8	47.84	1	4	38	27.41	25	58	35.5	Mer.	212	110	
2618	6	48.05	2	4	38	28.42	28	13	43.4	Mer.	219	4	
	9	47.80	3			28.91			46.3	Mu.	141	15	
2619	9	49.07	2	4	38	38.82	26	59	6.4	Tr.	211	11	
2620	9.8	49.07	1	4	38	42.06	27	2	56.2	Tr.	211	12	
2621	9	47.80	2	4	38	56.08	24	6	43.7	Tr.	142	153	
2622	8	48.05	2	4	39	10.51	26	18	61.5	Mu.	153	9	
	9	49.11	2			10.61			59.6	Tr.	212	13	
2623	7	49.07	6	4	39	21.36	31	13	9.0	Mer.	160	41	
2624	9	47.02	1	4	39	31.13	32	18	23.0	Mer.	81	49	
2625	9	47.80	1	4	39	41.26	23	33	53.4	Tr.	142	154	
2626	8	49.11	4	4	39	43.56	28	56	1.8	Mu.	223	38	
2627	9.10	47.09	3	4	39	49.23	30	56	20.6	Mer.	83	40	
2628	6	47.84	1	4	39	52.06	25	26	11.4	Mer.	212	111	
	9	48.05	3			52.53			10.6	Tr.	152	7	
2629	9	48.91	2	4	39	53.70	27	19	26.2	Mu.	210	105	
2630	9	47.80	1	4	40	4.09	23	47	51.3	Tr.	142	155	
2631	9	47.10	2	4	40	9.57[10]	29	20	21.2	Mu.	91	18	[10] One of three threads rejected; R. A. $=8^{s}.45$.
2632	10	48.91	1	4	40	19.98	27	32	27.7	Mu.	210	106	
2633	8	47.80	3	4	40	26.51	28	21	41.4	Mu.	141	17	
	8	48.05	4			26.53			42.2	Mer.	219	5	
2634	8	48.05	2	4	40	42.14	26	34	31.7	Mu.	153	10	
	9	49.11	2			42.38			28.0	Tr.	212	14	
	8	49.07	2			42.67			30.7	Tr.	211	13	
2635	9	47.80	1	4	40	51.03	23	56	54.2	Tr.	142	156	
2636	6	47.07	1	4	41	5.30	29	40	47.0	Mu.	88	14	
	8	49.11	3			5.42			48.6	Mer.	161	1	
	7.8	47.10	3			5.86			47.6	Mu.	91	19	
2637	7	47.84	2	4	41	8.09	25	25	12.3	Mer.	212	112	
2638	7	47.07	3	4	41	9.33	30	2	5.9[11]	Mu.	88	13	[11] Decl. changed one rev. north.
2639	9	47.80	1	4	41	19.62	23	47	35.0	Tr.	142	157	
	9.10	49.07	1			19.91			32.6	Mu.	219	25	
2640	10	49.07	1	4	41	20.59	27	2	41.2	Tr.	211	14	
2641	8	49.07	3	4	41	34.90	30	58	11.8	Mer.	160	42	
2642	5	47.07	3	4	41	58.54	30	17	34.1	Mu.	88	15	
	7	47.02	5			58.60			35.9	Mu.	86	57	
2643	9	47.80	1	4	42	27.23	23	57	54.6	Tr.	142	158	
2644	9	49.11	2	4	42	28.27	28	41	18.3	Mu.	223	39	
	9	49.11	2			28.34			22.7	Mu.	221	1	
2645	8.9	49.07	1	4	42	30.56	23	32	14.2	Mu.	219	26	
	9	47.80	2			30.70			18.8	Tr.	142	159	
2646	9	49.11	1	4	43	2.17[12]	28	59	31.9	Mu.	221	2	[12] R. A. increased 1 min.
	9	49.11	1			3.05			22.7	Mu.	223	40	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
2647	7	49.07	3	4	43	27.57	31	41	22.0	Mer.	160	43	
	9	47.09	5			27.72			25.3	Mu.	89	24	
2648	11	49.11	3	4	44	3.00	26	8	37.5	Tr.	212	15	
2649	7	49.07	3	4	44	9.96	31	13	57.2	Mer.	160	44	
	8	47.09	2			10.48			55.5	Mu.	89	25	
2650	9	47.80	1	4	44	16.36	23	33	2.1	Tr.	142	160	
	10	49.07	2			16.81			0.5	Mu.	219	27	
2651	8	47.09	6	4	44	18.83	30	31	16.0	Mer.	83	41	
	9	47.02	5			18.97			16.8	Mu.	86	58	
2652	8	49.11	1	4	44	24.60	28	51	49.8	Mu.	221	3	
	9	49.11	2			24.69[1]			45.5	Mu.	223	41	[1] One of three threads rejected; R. A. $=13^{s}.95$.
2653	7	47.12	4	4	44	28.79	27	21	43.1	Mu.	94	1	
	8.9	48.91	4			29.02			41.6	Mu.	210	107	
2654	9	49.11	2	4	44	46.82	26	23	11.9	Tr.	212	16	
	11	48.05	1			47.11			8.0	Mu.	153	11	
2655	8	47.07	3	4	44	50.78	30	1	57.0	Mu.	88	16	
2656	7	47.84	3	4	44	57.22	25	34	5.1	Mer.	212	113	
2657	7	48.05	2	4	45	2.10	27	46	34.8	Mer.	219	6	
	9	48.91	2			2.47			40.4	Mu.	210	108	
2658	10	47.84	1	4	45	4.76[2]	25	30	53.5	Mer.	212	114	[2] R. A. decreased one thread interval.
2659	9	48.05	1	4	46	2.45	28	18	43.9	Mer.	219	7	
2660	8	47.07	1	4	46	26.45	29	41	11.1	Mu.	88	17	
	8	49.11	5			26.52			11.5	Mer.	161	2	
	9	47.10	3			26.86			5.6	Mu.	91	20	
2661	11	49.11	2	4	46	27.57	26	14	40.2[3]	Tr.	212	17	[3] Decl. changed one wire interval north.
2662	8	46.82	7	4	46	30.89	43	18	39.4	Mer.	79	51	
2663	8	48.05	2	4	46	33.17	26	1	31.2	Mu.	153	12	
2664	8	47.84	2	4	46	39.45[4]	25	36	10.6	Mer.	212	115	[4] Separate threads give $39^{s}.81$, $39^{s}.08$.
2665	7	49.07	5	4	46	51.02	30	54	44.2	Mer.	160	45	
	8	47.09	3			51.05			44.1	Mu.	89	26	
	9	47.02	4			51.06			42.1	Mu.	86	59	
	7	47.09	7			51.16			44.9	Mer.	83	42	
2666	9	47.80	1	4	47	20.47[5]	23	43	19.5	Tr.	142	161	[5] R. A. decreased one thread interval.
2667	9	47.84	1	4	47	22.05	25	24	6.0	Mer.	212	116	
2668	8	49.11	2	4	47	30.65	26	19	56.5	Tr.	212	18	
	8	49.13	2			30.82			57.2	Mer.	163	1	
2669	7	48.05	2	4	47	43.53	27	56	60.6	Mer.	219	8	
	8	48.96	2			43.86[6]			59.6	Mu.	214	76	[6] R. A. decreased 1 min.
	7	48.96	1			44.08			60.6	Mer.	158	11	
2670	10	49.07	1	4	47	44.43	26	40	35.4	Tr.	211	15	
2671	9	47.80	2	4	47	46.67	23	44	56.0	Tr.	142	162	
	9	49.07	2			46.80			57.4	Mu.	219	28	
	8	48.06	2			47.05			59.8	Mu.	156	1	
2672	7.8	46.82	2	4	47	53.43	43	18	49.1	Mer.	79	52	
2673	9	47.12	1	4	47	57.90	27	18	14.5	Mu.	94	2	
2674	8.9	49.07	1	4	48	12.21	23	45	2.9	Mu.	219	29	
	9	47.80	1			12.64			1.5	Tr.	142	163	
	8	48.06	1			12.77[7]			5.2	Mu.	156	2	[7] R. A. decreased one thread interval.
2675	9	49.07	1	4	48	28.82	26	58	32.3	Tr.	211	16	
2676	9	47.80	1	4	48	31.31	23	46	19.5	Tr.	142	164	
	8.9	49.07	1			31.78			21.0	Mu.	219	30	
2677	8	47.84	4	4	48	41.00	25	53	53.1	Mer.	212	117	
2678	8.9	47.10	1	4	48	45.60[8]	29	7	43.4	Mu.	91	21	[8] R. A. decreased 1 min.
	7	49.11	2			45.71[9]			....	Mu.	221	4	[9] One thread decreased 10 sec.
	8	49.11	5			45.78			42.3	Mu.	223	42	
	6	49.11	3			45.80			41.7	Mer.	161	3	
2679	9	47.10	2	4	48	50.79[10]	29	16	1.6	Mu.	91	22	[10] R. A. decreased 1 min.
2680	9	47.80	2	4	48	54.36	23	38	39.7	Tr.	142	165	
	8.9	49.07	1			54.83			37.8	Mu.	219	31	
2681	8	47.07	2	4	48	57.86	29	48	16.8	Mu.	88	18	
2682	8.9	47.09	5	4	48	59.36	31	40	3.6	Mu.	89	27	
	8	49.07	5			59.37			3.2	Mer.	160	46	
2683	7	47.09	7	4	49	19.89	30	31	49.8	Mer.	83	43	
	8.9	47.02	3			19.91			49.6	Mu.	86	60	
2684	9	48.06	1	4	49	21.00[11]	23	29	23.0	Mu.	156	3	[11] R. A. decreased one thread interval.
	9	47.80	1			21.08			26.2	Tr.	142	166	
2685	5	47.84	2	4	49	21.68	25	58	15.3	Mer.	212	118	
	6	49.13	3			22.08			17.6	Mer.	163	2	
	7	49.11	3			22.11			16.8	Tr.	212	19	
	8.9	48.05	3			22.18.			16.9	Tr.	152	8	
	7	48.05	2			22.19			17.6	Mu.	153	13	
2686	8	49.11	2	4	49	43.70	28	47	44.4	Mu.	223	43	
	7	49.11	3			43.81[12]			45.8	Mu.	221	5	[12] One thread increased 10 sec.
2687	8	48.06	3	4	49	50.33[13]	23	17	44.9	Mer.	220	1	[13] R. A. increased 5 sec.
2688	7	48.96	3	4	49	50.33	27	56	43.5	Mer.	158	12	
	8.9	48.96	4			50.33			44.7	Mu.	214	77	
	8	48.05	4			50.41			44.0[14]	Mer.	219	9	[14] Decl. changed one rev. north.
2689	9	47.80	1	4	50	5.06	23	52	35.5	Tr.	142	168	
2690	9	47.80	2	4	50	8.81	23	31	47.4	Tr.	142	167	
	8	49.07	1			8.82			48.3	Mu.	219	32	
	8	48.06	1			9.00			44.1	Mu.	156	4	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
2691	8	47.07	2	4	50	16. . . [1]	29	42	16.2	Mu.	88	19	[1] Separate threads give 16^{s}.88, 14^{s}.43.
2692	9	47.84	1	4	50	16.56	25	52	50.0	Mer.	212	119	
2693	9.10	47.09	3	4	50	37.87	30	28	31.1	Mer.	83	44	
2694	9	48.06	2	4	50	53.17	23	16	33.3	Mer.	220	2	
2695	9.10	48.96	1	4	50	59.39	28	14	11.9	Mu.	214	78	
2696	9	49.07	3	4	51	7.82	31	29	59.0	Mer.	160	47	
2697	6	47.84	3	4	51	39.07	25	17	45.4	Mer.	212	120	
2698	8	48.06	2	4	51	41.83	23	2	12.9	Mer.	220	3	
2699	7.8	46.82	3	4	51	57.63	43	40	11.7	Mer.	79	53	
2700	11	49.11	2	4	52	6.66	26	36	35.4	Tr.	212	20	
2701	9.10	48.96	1	4	52	13.53	28	16	9.0	Mu.	214	79	
2702	9	47.09	4	4	52	29.38	31	11	34.1	Mu.	89	28	
	9	49.07	3			29.59			31.8	Mer.	160	48	
2703	10	47.09	2	4	52	33.05	30	38	51.5	Mer.	83	45	
2704	9	48.06	2	4	52	37.91	23	5	59.0 [2]	Mer.	220	4	[2] Decl. changed two rev. south. If Decl. be changed three rev. south, Decl. = 6′ 33″.6. CPD gives 6′.3.
2705	8.9	47.10	3	4	52	39.05	29	7	9.8	Mu.	91	23	
	7.8	49.11	4			39.20			9.2	Mu.	223	44	
	7	49.11	3			39.32			7.0	Mu.	221	6	
	6	49.11	7			39.33			8.9	Mer.	161	4	
2706	9.10	48.96	1	4	52	40.57	28	13	49.7	Mu.	214	80	
2707	7	48.96	7	4	52	40.89	27	40	9.4	Mer.	158	13	
	8	47.12	3			40.92			11.8	Mu.	94	3	
2708	9.10	48.96	1	4	52	42.47	28	17	57.6	Mu.	214	81	
2709	7.8	46.82	2	4	52	58.82	43	15	49.1	Mer.	79	54	
2710	6	49.11	2	4	53	11.75	28	40	16.7	Mu.	221	7	
	8	49.11	3			12.84			17.8	Mu.	223	45	
2711	6	48.06	3	4	53	15.84	22	37	32.6	Mer.	220	5	
2712	7	47.84	4	4	53	26.91 [3]	25	35	49.9	Mer.	212	121	[3] R. A. increased 1 min.
2713	6	47.02	7	4	53	40.16	32	28	8.0	Mer.	81	50	
2714	6	47.84	1	4	53	47.03	25	16	57.7	Mer.	212	122	
	8.9	48.05	2			47.47			56.5	Tr.	152	9	
2715	9.10	48.96	. .	4	54	5. . .	28	3	39.5	Mu.	214	82	
2716	9	49.11	1	4	54	5.05	29	5	45.0	Mu.	223	46	
2717	7	47.07	4	4	54	5.53	29	48	14.1	Mu.	88	20	
	8	49.11	7			5.71			12.4	Mer.	162	1	
	7	49.11	3			5.79			13.1	Mer.	161	5	
	8.9	47.10	4			5.81			12.8	Mu.	91	24	
2718	7.8	46.82	2	4	54	22.57	43	37	1.2	Mer.	79	55	
2719	9	47.80	1	4	54	26.84	23	57	22.6	Tr.	142	169	
2720	9	48.06	2	4	54	34.61	22	49	18.4	Mer.	220	6	
2721	8.9	47.02	2	4	54	43.61	32	2	17.1	Mer.	81	51	
2722	8	48.06	3	4	54	47.54	22	57	36.9	Mer.	220	7	
2723	7	48.06	3	4	55	2.16	23	55	57.1	Mu.	156	5	
	8.9	47.80	1			2.45			. . . .	Tr.	142	170	
2724	10	49.11	2	4	55	25.85	26	10	19.2	Tr.	212	21	
2725	9	47.84	2	4	55	28.58	25	23	49.6	Mer.	212	123	
2726	8	47.09	3	4	55	38.26	31	36	57.5	Mu.	89	29	
	7	49.07	4			38.78			57.8	Mer.	160	49	
2727	9	47.09	4	4	55	40.22	30	27	20.0	Mer.	83	46	
	8	49.11	2			40.24			14.9	Mer.	162	2	
	9	47.02	5			40.25			19.2	Mu.	86	61	
	7	47.07	2			40.65 [4]			18.0	Mu.	88	21	[4] Separate threads give 41^{s}.01, 40^{s}.29.
2728	9	49.07	1	4	55	49.87	31	37	35.6	Mer.	160	50	
2729	6	49.11	1	4	56	3.40	26	29	28.9 [5]	Tr.	212	22	[5] Decl. changed two rev. north.
	5	49.13	7			3.99			29.3	Mer.	163	3	
	6	48.05	1			4.35 [6]			35.2	Mu.	153	14	[6] R. A. decreased one thread interval.
2730	9	48.06	1	4	56	11.02	24	0	7.6	Mu.	156	6	
	9	47.80	1			11.51			6.1	Tr.	142	171	
2731	9.10	48.96	2	4	56	13.63	28	16	53.6	Mu.	214	83	
2732	10	48.96	1	4	56	16.56	28	17	42.3	Mu.	214	84	
2733	6	49.07	1	4	56	24.65	31	33	60.5	Mer.	160	51	
	7.8	47.09	4			24.85			57.8	Mu.	89	30	
2734	5	48.06	3	4	56	25.25	23	0	49.6	Mer.	220	8	
2735	8	49.11	1	4	56	25.58	29	2	1.4	Mu.	221	8	
2736	9	47.84	1	4	56	32.23	25	19	2.6	Mer.	212	124	
2737	5	47.02	4	4	56	42.36	31	59	37.4	Mer.	81	52	
2738	9	47.80	1	4	57	1.47	23	28	22.4	Tr.	142	172	
2739	8	47.07	1	4	57	4.49	30	1	4.4	Mu.	88	22	
	9	49.11	3			4.70			0.8	Mer.	162	3	
2740	9	49.11	1	4	57	27.64	29	8	6.2	Mu.	223	47	
	8	48.01	3			28.17			3.1 [7]	Mer.	218	1	[7] Decl. changed one rev. south.
	9	49.11	3			28.22			1.9	Mer.	161	6	
	9	49.11	1			28.90			1.6	Mu.	221	9	
2741	9	48.01	1	4	57	38.19	29	7	14.8 [8]	Mer.	218	2	[8] Decl. changed one wire interval south. If instead Decl. be changed ten rev. south, Decl. = 10″.1.
	9	49.11	2			38.30			27.2	Mer.	161	7	
	9.10	49.11	2			38.39			29.4	Mu.	223	48	
	9	49.11	1			38.47			26.7	Mu.	221	10	
	9.10	47.10	2			39. . . [9]			26.6	Mu.	91	25	[9] R. A. decreased one thread interval. Separate threads give 38^{s}.84, 39^{s}.71.
2742	8	47.84	3	4	57	47.44	26	6	23.6	Mer.	212	125	
	5	49.13	3			47.98			20.0	Mer.	163	4	
	9	49.11	2			48.12 [10]			21.6	Tr.	212	23	[10] R. A. decreased one thread interval.
	9	49.13	3			48.40			22.6	Mu.	227	1	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
2743	9	47.80	1	4	57	48.65	23	54	54.4	Tr.	142	173	
2744	8	47.95	1	4	57	56.91	27	52	21.8	Mer.	217	1	
	9.10	47.80	1			57.21			17.5	Mu.	141	18	
	8	48.96	4			57.28			17.9	Mer.	158	14	
	9	48.96	3			57.42			18.0	Mu.	214	85	
2745	9	47.80	1	4	57	58.50	24	8	15.8	Tr.	142	174	
2746	8	47.07	1	4	58	8.76[1]	30	1	32.8	Mu.	88	23	[1] R. A. decreased two thread intervals.
	9	49.11	3			9.02			31.1	Mer.	162	4	
2747	9	48.06	1	4	58	48.25	23	39	25.3	Mu.	156	7	
	9	47.80	1			48.45			20.9	Tr.	142	175	
2748	8	47.84	1	4	59	1.90	25	24	5.2	Mer.	212	126	
2749	3	48.06	4	4	59	6.70	22	34	34.4	Mer.	220	9	
2750	8	47.84	1	4	59	7.98	25	42	53.6	Mer.	212	127	
	9	49.13	1			8.39			54.1	Mu.	227	2	
2751	8	49.11	4	4	59	10.87	26	21	31.7	Tr.	212	24	
	6	49.13	4			10.88			31.8	Mer.	163	5	
	7	48.06	1			10.89			27.9	Mu.	157	1	
	6	48.05	1			10.98			28.8	Mu.	153	15	
2752	9	48.06	1	4	59	12.31	23	51	21.4	Mu.	156	8	
	9	47.80	2			12.45			18.0[2]	Tr.	142	176	[2] Decl. changed two rev. south.
2753	8	48.06	1	4	59	15.45[3]	22	43	15.9	Mer.	220	10	[3] R. A. increased 1 min.
2754	9	47.80	1	4	59	16.71[4]	23	30	15.6	Tr.	142	177	[4] R. A. decreased one thread interval.
2755	8	49.06	2	4	59	31.56	31	24	19.0	Mer.	159	1	
	8	49.07	3			31.78			17.4	Mer.	160	52	
2756	..	48.06	1	4	59	49.60	22	55	30.4[5]	Mer.	220	11	[5] "Micrometer reading doubtful."
2757	8	47.95	3	5	0	0.46	27	46	55.0	Mer.	217	2	
	10	48.96	1			0.58			52.3	Mu.	214	86	
	8	48.96	3			0.62			57.4	Mer.	158	15	
2758	9	47.84	2	5	0	3.71[6]	25	30	43.7	Mer.	212	128	[6] Separate threads give $3^{s}.35$, $4^{s}.06$.
	9	49.13	1			4.18			43.3	Mu.	227	3	
	9	48.06	2			4.29			45.3	Mer.	221	1	
2759	7	49.13	2	5	0	6.19	26	41	39.6	Mer.	163	6	
2760	9	47.84	1	5	0	19.84[7]	25	22	49.7	Mer.	212	129	[7] R. A. decreased one thread interval.
2761	9	48.01	2	5	0	37.05	28	45	47.8[8]	Mer.	218	3	[8] Decl. changed one rev. north.
	9	49.11	2			37.05			50.5	Mu.	221	11	
	9	49.11	4			37.21			49.3	Mu.	223	49	
2762	9	47.84	1	5	0	39.23	25	20	37.6[9]	Mer.	212	130	[9] "Decl. not good."
2763	10	48.06	1	5	0	47.88	23	34	16.1	Mu.	156	9	
2764	8	48.06	1	5	0	57.96	22	50	53.7	Mer.	220	12	
2765	10	48.01	1	5	1	3.23	28	51	28.8	Mer.	218	4	
	9	49.11	2			4. . .[10]			29.2[11]	Mu.	223	50	[10] Separate threads give $3^{s}.81$, $4^{s}.99$.
	9	49.11	1			4.47			24.3	Mu.	221	12	[11] Decl. may be 25″.5; record doubtful.
2766	9	49.13	1	5	1	18.05	25	51	2.4	Mu.	227	4	
	9	48.06	2			18.56			6.0	Mer.	221	2	
2767	8	48.06	1	5	1	20.57	22	49	36.8	Mer.	220	13	
2768	8	49.06	2	5	1	32.42	31	30	39.8	Mer.	159	2	
	9	49.07	3			32.63[12]			40.2	Mer.	160	53	[12] R. A. increased 1 min.
	9.10	47.09	1			34.96			36.2	Mu.	89	31	
2769	8	47.95	2	5	1	41.24	27	45	56.4[13]	Mer.	217	3	[13] Decl. changed ten rev. north.
2770	9	47.10	4	5	1	45.59	29	10	34.5	Mu.	91	26	
	8	49.11	3			45.74			35.8	Mer.	161	8	
	8	49.11	1			45.93			35.4	Mu.	221	13	
2771	9	48.01	3	5	2	26.41	28	58	39.7	Mer.	218	5	
2772	9	47.84	1	5	2	30.69	25	50	46.0	Mer.	212	131	
	8	48.06	1			31.08			47.7	Mer.	221	3	
2773	8	48.06	2	5	2	32.45	22	49	52.9	Mer.	220	14	
2774	9	49.11	1	5	2	36.97	28	41	41.9	Mu.	221	14	
2775	8	48.06	1	5	2	42.24	25	41	53.3	Mer.	221	4	
	9	49.13	1			42.56			50.8	Mu.	227	5	
	9	47.84	1			42.66			49.3	Mer.	212	132	
2776	8	48.96	3	5	2	44.34	27	28	32.0	Mer.	158	16	
2777	10	48.01	1	5	2	50.65	29	5	40.4	Mer.	218	6	
2778	8	48.06	1	5	2	52.68	23	1	28.3	Mer.	220	15	
2779	9	47.84	1	5	2	57.69	25	50	25.4	Mer.	212	133	
2780	9.10	48.96	3	5	3	16.73	28	14	25.9	Mu.	214	87	
	9	47.95	5			16.99			25.2	Mer.	217	4	
2781	8	49.13	1	5	3	19.66	25	34	39.0	Mu.	227	6	
2782	6	48.06	1	5	3	23.52	22	41	24.6	Mer.	220	16	
2783	9	49.11	3	5	3	31.68	29	29	29.3	Mer.	161	9	
2784	9.10	47.10	1	5	3	42.82	29	24	42.9	Mu.	91	27	
	8	49.11	2			43.11			45.6	Mer.	161	10	
2785	10	49.11	3	5	3	52.79	30	2	26.5	Mer.	162	5	
2786	10	49.06	1	5	3	59.09[14]	31	7	16.2	Mer.	159	3	[14] One of two threads rejected; R. A.=$56^{s}.84$. Remaining thread increased 10 sec.
2787	8.9	47.09	4	5	4	27.57	31	32	20.0	Mu.	89	32	
2788	9	48.06	2	5	4	36.95	23	45	48.4	Mu.	156	10	
2789	7	49.11	4	5	4	39.04	26	6	0.1	Tr.	212	25	
	7	48.05	2			39.04			0.2	Mu.	153	16	
	6	47.84	2			39.06			4.8	Mer.	212	134	
	7	49.13	4			39.11			2.3	Mer.	163	7	
	7	48.06	3			39.12			1.7	Mu.	157	2	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
2790	8	47.07	1	5	5	3.03	29	56	9.4	Mu.	88	24	
	8	49.11	4			3.97			11.7	Mer.	162	6	
2791	6	48.96	1	5	5	12.55	27	15	24.5 [1]	Mer.	158	17	[1] Decl. changed one wire interval north, to agree with CPD—27°761, R. A.=$13^{s}.1$, Decl.=15′.4. If instead Decl. be changed three wire intervals and three rev. south, Decl.=43′ 26″.3 agreeing with Gou 5963.
2792	8.9	47.10	..	5	5	22. ..	29	46	54.6	Mu.	91	29	
	6	49.11	1			22.43			54.0	Mer.	161	11	
	7	47.07	2			22.69			53.1	Mu.	88	25	
	7	49.11	4			22.70			54.4	Mer.	162	7	
2793	9	47.95	2	5	5	28. .. [2]	27	52	27.3	Mer.	217	5	[2] Sep arate threads give $28^{s}.01$, $28^{s}.87$.
	8	48.05	1			28.11			28.7 [3]	Mer.	219	10	[3] Decl. changed one wire interval north.
	10	48.96	2			28.46			27.7	Mu.	214	88	
2794	7	47.09	5	5	5	43.13	30	24	42.7	Mer.	83	47	
	8	47.02	5			43.39			41.8	Mu.	86	62	
2795	8	49.11	1	5	5	44.28	29	44	49.0	Mer.	162	8	
	6	49.11	1			44.65			45.9	Mer.	161	12	
	8	47 07	1			45.06			47.2	Mu.	88	26	
	9	47.10	2			45.11			46.6	Mu.	91	28	
2796	9	49.11	1	5	5	58.42	28	54	21.8	Mu.	221	15	
2797	9.10	.47.80	2	5	5	61. .. [4]	28	24	34.5	Mu.	141	19	[4] "Scarcely perceptible." Separate threads give $59^{s}.71$, $61^{s}.78$.
	9	47.95	1			61.36			27.1	Mer.	217	6	
	10	48.96	1			61.79			24.9	Mu.	214	89	
2798	9.10	47.09	1	5	6	13.09	30	39	3.8	Mer.	83	48	
2799	9	47.95	1	5	6	17.31	28	28	42.7	Mer.	217	7	
2800	8	49.13	2	5	6	18.34	26	43	58.2	Mer.	163	8	
2801	9	48.06	4	5	6	21.16	25	33	28.8	Mer.	221	5	
	9	49.13	1			21.39			26.7	Mu.	227	7	
	8	47.84	1			21.40			28.1	Mer.	212	135	
2802	9	48.05	1	5	6	23.45	28	3	51.0	Mer.	219	11	
2803	7	48.06	4	5	6	28.58	22	41	24.0	Mer.	220	17	
2804	10	48.05	1	5	6	32.92	26	17	21.0	Mu.	153	17	
	8	49.13	1			33.24			18.2	Mer.	163	9	
2805	7	49.11	2	5	6	40.25	30	9	33.3	Mer.	162	9	
2806	7	47.95	1	5	6	47.85	27	51	38.7	Mer.	217	8	
	9.10	48.96	2			47.94			30.8	Mu.	214	90	
2807	6	48.96	4	5	6	51.36	27	21	34.5 [5]	Mer.	158.	18	[5] Decl. changed one wire interval north.
	7	47.12	4			51.91			32.9	Mu.	94	4	
2808	..	48.06	1	5	6	51.38	24	8	43.2	Mu.	156	11	
2809	9	49.11	1	5	6	52.94	28	38	45.5	Mu.	221	16	
2810	6	48.96	4	5	6	55.82	27	20	26.4 [6]	Mer.	158	19	[6] Decl. changed one wire interval and five rev. north.
	7	47.12	4			55.92			26.7	Mu.	94	5	
2811	9.10	47.09	2	5	6	58.36 [7]	31	29	15.5	Mu.	89	33	[7] R. A. increased 1 min.
	7	49.06	4			58.49			19.6	Mer.	159	4	
2812	8	49.13	1	5	7	2.11	26	11	....	Mer.	163	10	
	9	48.06	1			2.44			31.1 [8]	Mu.	157	3	[8] Decl. changed ten rev. north.
	9	48.05	1			2.50			29.0	Mu.	153	18	
	11	49.11	3			2.63			29.2	Tr.	212	26	
2813	8	47.07	1	5	7	10.02	29	47	33.0	Mu.	88	27	
2814	8	47.84	3	5	7	29.02 [9]	25	31	16.0 [10]	Mer.	212	136	[9] R. A. increased 1 min. Separate threads give $28^{s}.55$, $29^{s}.51$, $29^{s}.00$.
	9	48.06	3			29.28			17.9 [11]	Mer.	221	6	
	10	49.13	1			29.39			21.2	Mu.	227	8	[10] Decl. changed two wire intervals north.
2815	7	48.06	3	5	7	38.13	23	10	0.3	Mer.	220	18	[11] Decl. changed one wire interval north.
2816	8	49.06	2	5	7	56.54	31	23	37.2 [12]	Mer.	159	5	[12] Decl. changed one wire interval south.
2817	9	48.05	1	5	7	57.52	28	17	14.5	Mer.	219	12	
2818	10	47.09	2	5	7	58.69	30	44	10.1	Mer.	83	49	
2819	8	48.96	3	5	8	13.68	27	29	20.5	Mer.	158	20	
2820	7	48.05	1	5	8	25.34	26	22	53.2	Mu.	153	19	
	7	48.06	1			25.77			54.9	Mu.	157	4	
	6	49.13	1			25.83			55.0	Mer.	163	11	
	9	49.11	3			26.11			55.2	Tr.	212	27	
2821	7	47.12	1	5	8	36.43	27	8	20.8 [13]	Mu.	94	6	[13] Micrometer reading assumed as 53.70 instead of 53.07 rev. as recorded.
2822	8	47.95	3	5	9	15.95	28	30	32.7	Mer.	217	9	
	7	48.05	3			16.14			31.3	Mer.	219	13	
	6	48.01	7			16.14			33.4	Mer.	218	7	
	8	48.96	5			16.34			32.0	Mu.	214	91	
	6	49.11	3			16.40			28.6	Mu.	221	17	
2823	4	48.96	2	5	9	23.18	27	6	57.2	Mer.	158	21	
	4	47.12	2			23.31			53.1	Mu.	94	7	
2824	6	48.06	4	5	9	26.53 [14]	23	4	6.7	Mer.	220	19	[14] One of five threads rejected; R. A.=$25^{s}.74$.
2825	6	47.07	3	5	9	32.39	29	55	55.3	Mu.	88	28	
	7	49.11	3			32.51			46.4	Mer.	162	10	
2826	10	49.11	2	5	9	36.35	26	36	46.2	Tr.	212	28	
	8	49.13	1			36.67			48.3	Mer.	163	12	
2827	9	48.01	1	5	9	37.88	28	55	27.1	Mer.	218	8	
2828	9	48.06	1	5	9	41.18	23	14	37.6	Mer.	220	20	
2829	8	47.07	2	5	9	41.98	29	41	5.3	Mu.	88	29	
	9	47.10	3			42.45			5.6	Mu.	91	30	
	7	49.11	1			42.49			8.0	Mer.	162	11	
	7	49.11	1			42.59			3.8	Mer.	161	13	
2830	9	48.06	1	5	9	53.24	23	34	43.2	Mu.	156	12	
2831	7	49.06	3	5	9	58.47	31	20	33.3	Mer.	159	6	
2832	7	48.06	2	5	10	8.31	23	13	47.0	Mer.	220	21	
2833	9	49.11	3	5	10	16.37	29	55	3.4	Mer.	162	12	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
2834	8	47.84	4	5	10	27.71	25	30	2.4[1]	Mer.	212	137	[1] Decl. changed four wire intervals north.
	7	48.06	6			27.80			6.1	Mer.	221	7	
	7	49.13	3			28.26			2.6	Mu.	227	9	
2835	7	49.11	1	5	10	27.83	29	36	10.1	Mer.	161	14	
	9	47.10	2			28.04			7.4	Mu.	91	31	
2836	9	47.09	3	5	10	31.29	31	7	8.1	Mu.	89	34	
2837	8.9	48.96	4	5	10	33.07	28	18	22.8	Mu.	214	92	
	7	48.05	3			33.11			23.4	Mer.	219	14	
	7	47.95	4			33.18			22.9	Mer.	217	10	
2838	10	49.11	1	5	10	38.31	26	30	18.4	Tr.	212	29	
	9	48.06	1			38.63			19.9	Mu.	157	5	
	8	49.13	2			38.66			19.3	Mer.	163	13	
2839	8	47.12	1	5	11	16.02	27	24	39.8	Mu.	94	8	
	8	48.96	3			16.06			38.8	Mer.	158	22	
2840	8	47.09	2	5	11	19. . .[2]	31	26	57.4	Mu.	89	35	[2] Separate threads give $19^{s}.76$, $18^{s}.73$.
	6	49.06	3			19.23			60.5	Mer.	159	7	
2841	7	48.96	1	5	11	36.40	27	17	50.4[3]	Mer.	158	23	[3] Decl. changed one wire interval north.
	8	47.12	1			36.85			51.0	Mu.	94	9	
2842	8	48.06	2	5	11	36.73	22	56	59.4	Mer.	220	22	
2843	9	48.06	1	5	11	43.24	23	35	32.3	Mu.	156	13	
2844	8	47.95	4	5	11	52.90	28	20	13.4	Mer.	217	11	
	9	48.96	3			52.92			12.6	Mu.	214	93	
	8	48.05	3			53.00			15.4	Mer.	219	15	
2845	8	48.06	5	5	12	7.93	25	24	48.2	Mer.	221	8	
	6	49.13	2			8.06			48.6	Mu.	227	11	
	9	47.84	4			8.10			48.2	Mer.	212	138	
2846	9	48.06	4	5	12	8.90	25	26	41.4	Mer.	221	9	
	8	47.84	4			9.11			37.6	Mer.	212	139	
	8	49.13	1			9.46			37.5[4]	Mu.	227	10	[4] Reduced for wire 4 and 46 rev. instead of wire 4 and 60 rev., as recorded.
2847	7	47.07	1	5	12	16.19	30	9	52.5	Mu.	88	30	
	8	49.11	3			16.65			51.7	Mer.	162	13	
2848	8	49.11	2	5	12	24.33	29	44	13.7	Mer.	162	14	
2849	7	48.06	1	5	12	31.65[5]	22	35	12.0	Mer.	220	23	[5] R. A. increased 10 sec.
2850	7	49.11	2	5	12	53.57[6]	29	1	50.5	Mu.	221	18	[6] One of three threads rejected; R. A.$=54^{s}.43$.
	9	47.10	3			53.67			56.2	Mu.	91	32	
	6	49.11	3			53.78			53.9	Mer.	161	15	
	7	48.01	7			53.95			57.3	Mer.	218	9	
2851	4	48.96	3	5	13	24.99	27	31	35.7	Mer.	158	24	
	5.6	47.12	3			25.17			36.3	Mu.	94	10	
2852	8	48.06	3	5	13	28.62	22	42	0.2	Mer.	220	24	
2853	8	49.06	2	5	13	29.42	31	41	33.6	Mer.	159	8	
2854	8	49.13	2	5	13	35.16	25	24	42.7	Mu.	227	12	
2855	9	49.13	1	5	13	35.68	26	9	50.1	Mer.	163	14	
2856	8	49.11	4	5	13	41.15	26	5	13.4	Tr.	212	30	
	7	49.13	4			41.19			12.1	Mer.	163	15	
	7	48.05	2			41.20			14.4	Mu.	153	20	
	7	47.84	1			41.20			16.5	Mer.	212	140	
	7	48.06	2			41.27			11.3	Mu.	157	6	
2857	7	47.84	1	5	13	48.07	25	46	44.4	Mer.	212	141	
	9	48.06	3			48.20			50.7	Mer.	221	10	
2858	10	48.96	2	5	14	12.66	28	2	28.3	Mu.	214	94	
	9	48.05	2			12.95[7]			31.4	Mer.	219	16	[7] R. A. increased 1 min. Separate threads give $13^{s}.32$, $12^{s}.58$.
	9	47.95	4			13.01			24.7	Mer.	217	12	
2859	7	48.06	2	5	14	15.50	22	34	17.3	Mer.	220	25	
2860	8	49.13	2	5	14	20.50	26	43	22.7	Mer.	163	16	
2861	8	49.06	3	5	14	22.47	31	19	34.2	Mer.	159	9	
2862	9.10	48.96	2	5	14	43. . .[8]	27	57	28.4	Mu.	214	95	[8] Separate threads give $43^{s}.54$, $44^{s}.35$.
	8	48.05	2			43.47			28.8	Mer.	219	17	
	8	47.95	2			43.95			26.3	Mer.	217	13	
	8	48.96	1			44.27			27.4	Mer.	158	25	
2863	8	47.84	2	5	14	44.79	25	41	28.9	Mer.	212	142	
	9	48.06	4			44.91			29.6	Mer.	221	11	
2864	8	49.11	3	5	14	51.03	30	4	16.9[9]	Mer.	162	15	[9] Decl. changed one rev. north.
	7	47.07	2			51.68			13.3	Mu.	88	31	
2865	8	47.10	5	5	14	54.09	29	21	34.5	Mu.	91	33	
	6	49.11	7			54.15			34.4	Mer.	161	16	
2866	7	48.01	7	5	15	3.54	28	31	59.1	Mer.	218	10	
	8	49.11	2			3.77			57.9	Mu.	221	19	
2867	6	47.07	3	5	15	24.30	30	13	24.6	Mu.	88	32	
	8	49.11	3			24.52			25.1	Mer.	162	16	
2868	9	48.96	3	5	15	26.58	28	5	59.6	Mu.	214	96	
	8	47.95	2			26.65			56.9[10]	Mer.	217	14	[10] Decl. changed two wire intervals north.
	8	48.05	2			26.76			59.8	Mer.	219	18	
2869	9	48.06	1	5	15	43.35	23	34	57.1[11]	Mu.	156	14	[11] Micrometer record somewhat uncertain. If reading be assumed as 42.130, a possible interpretation, instead of 42.430 rev., Decl.= 35′ 15″.9. This value agrees with that of AW.
2870	8	48.06	1	5	15	45.62	22	34	53.2	Mer.	220	26	
2871	9	48.96	1	5	16	0.54	28	17	18.6	Mu.	214	97	
	8	47.95	1			1.04			18.8	Mer.	217	15	
	8	48.05	1			1.23			20.5	Mer.	219	19	
2872	9	48.06	1	5	16	24.91	23	24	19.8	Mu.	156	15	
2873	8	47.84	2	5	16	26.41	25	43	46.8	Mer.	212	143	
	9	48.06	4			26.59			48.7	Mer.	221	12	
	7	49.13	3			26.92			49.6	Mu.	227	13	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
2874	8	47.84	1	5	16	30.57	26	3	19.6	Mer.	212	144	
2875	9.10	47.09	3	5	16	45.80	31	35	56.1	Mu.	89	36	
	7	49.06	4			46.33			56.0	Mer.	159	10	
2876	8	48.06	2	5	16	46.93	23	12	36.0	Mer.	220	27	
2877	9	49.11	3	5	16	55.83	28	35	13.8[1]	Mu.	221	20	[1] Decl. changed five rev. south.
2878	9	47.12	2	5	17	3.14[2]	27	32	46.7	Mu.	94	11	[2] R. A. increased 1 min.
	8	48.96	4			3.59			47.2	Mer.	158	26	
2879	8	48.05	3	5	17	33.26	27	52	16.1	Mer.	219	20	
	10	48.96	1			33.40			15.6	Mu.	214	98	
	8	47.95	2			34.23			18.2	Mer.	217	16	
2880	9	48.06	2	5	17	45.58	22	34	9.5	Mer.	220	28	
2881	8	49.06	4	5	17	46.40	31	29	49.3	Mer.	159	11	
2882	9	49.13	1	5	18	0.71[3]	25	55	31.3	Mu.	227	14	[3] Gou, GZ, and CPD give R. A. 2 sec. greater.
	9	48.06	2			2.38[4]			38.1	Mer.	221	13	[4] R. A. increased 1 min.
2883	9	48.06	1	5	18	18.92	23	12	12.0	Mer.	220	29	
2884	9	48.96	3	5	18	40.18	27	58	23.7	Mu.	214	99	
	7	48.05	2			40.54			26.2	Mer.	219	21	
	8	47.95	4			40.62			22.9	Mer.	217	17	
2885	8	49.11	1	5	18	45.39	29	7	4.8	Mu.	221	21	
2886	9	49.11	2	5	19	12.14	30	17	5.1	Mer.	162	17	
2887	9	47.09	2	5	19	24.94	31	37	19.4	Mu.	89	37	
2888	10	47.09	2	5	19	37.04	30	45	2.1	Mer.	83	50	
2889	8	48.06	1	5	19	39.90	22	52	33.2	Mer.	220	30	
2890	9	48.06	1	5	19	43.18	23	2	32.6	Mer.	220	31	
2891	9	47.95	1	5	19	45.48	27	59	54.2	Mer.	217	18	
2892	10	48.05	1	5	19	60.62	26	16	34.4	Mu.	153	21	
	9	48.06	1			61.64[5]			34.7	Mu.	157	7	[5] Record somewhat uncertain; R. A. may be $59^{s}.64$.
2893	9	47.09	4	5	20	21.47	30	48	22.6	Mer.	83	51	
2894	9	48.06	1	5	20	45.69	23	27	49.4[6]	Mu.	156	16	[6] Decl. changed one rev. north.
2895	9.10	47.09	2	5	21	2.23	30	42	14.4	Mer.	83	52	
2896	9	49.11	1	5	21	15.28	28	55	27.8	Mu.	221	22	
2897	8	49.13	4	5	21	22.99	26	42	48.9	Mer.	163	17	
2898	8	48.05	3	5	21	27.64[7]	28	2	12.9	Mer.	219	22	[7] One of four threads rejected; R. A. = $26^{s}.54$.
	9	47.95	3			27.73			24 0	Mer.	217	19	
	10	48.96	2			27.91			14.4	Mu.	214	100	
2899	8	47.09	4	5	21	28.62	31	41	53.2	Mu.	89	38	
	5	49.06	1			28.87			52.1	Mer.	159	12	
2900	8	48.96	5	5	21	32.33	27	23	52.6	Mer.	158	27	
2901	7	49.13	3	5	21	39.19	25	45	53.5	Mu.	227	15	
	7	48.06	5			39.27			52.9	Mer.	221	14	
2902	10	48.05	2	5	21	58.74[8]	26	18	0.9	Mu.	153	22	[8] Separate threads give $59^{s}.08$, $58^{s}.39$.
	8	49.13	2			59.46			2.2	Mer.	163	18	
2903	9	49.06	2	5	22	3.47[9]	29	42	4.5	Mu.	216	1	[9] One of three threads rejected; R. A. = $5^{s}.45$.
	9	47.10	4			3.51			5.0	Mu.	91	34	
	7	47.07	4			3.52			3.6	Mu.	88	33	
	8	49.11	4			3.61			5.1	Mer.	162	18	
	8	49.11	3			3.89			5.7	Mer.	161	17	
2904	8	48.06	4	5	22	3.79	22	33	57.5	Mer.	220	32	
2905	7	49.06	1	5	22	13.46	31	8	44.8	Mer.	159	13	
	9	49.13	3			13.69			44.5	Mu.	226	1	
2906	10	49.11	1	5	22	25.48	30	9	7.2	Mer.	162	19	
2907	9	49.11	1	5	22	30.11	28	38	40.2[10]	Mu.	221	23	[10] Decl. changed five rev. south.
2908	9	48.06	1	5	22	30.90	26	37	59.1	Mu.	157	8	
2909	9	49.06	3	5	22	35.22	29	29	7.7	Mu.	216	2	
	8	49.11	2			35.58			7.8	Mer.	161	18	
2910	8	49.11	2	5	22	41.09[11]	29	28	30.8	Mer.	161	19	[11] One of three threads rejected; R. A. = $41^{s}.99$.
	9	49.06	1			41.67			34.0	Mu.	216	3	
	9	47.10	2			41.76			34.8	Mu.	91	35	
2911	7	49.06	2	5	22	55.24	31	12	31.5	Mer.	159	14	
	9	49.13	2			55.40			34.5	Mu.	226	2	
2912	10	48.96	3	5	22	58.86	27	55	8.0	Mu.	214	101	
	8	47.95	2			58.99[12]			14.6	Mer.	217	20	[12] One thread decreased 10 sec.
2913	10	49.11	1	5	23	9.27	28	40	8.7	Mu.	221	24	
2914	9	48.06	5	5	23	10.13	25	24	44.5	Mer.	221	15	
	8	49.13	2			10.16			44.7	Mu.	227	16	
2915	7	49.11	3	5	23	21.10	30	14	20.5	Mer.	162	20	
	5	47.07	2			21.66			22.9	Mu.	88	34	
2916	7	48.06	4	5	23	22.14	22	50	24.1	Mer.	220	33	
2917	7	49.06	1	5	23	42.49	31	4	39.7	Mer.	159	15	
	9	49.13	2			42.60			37.9	Mu.	226	3	
	8.9	47.09	5			42.75[13]			43.3	Mer.	83	53	[13] Last three threads decreased 1 sec. each. Mean of first two threads gives $42^{s}.75$; mean of the last three gives $43^{s}.75$.
	8.9	47.09	5			42.96			39.8	Mu.	89	39	
2918	8	48.96	3	5	23	47.90	27	11	20.9	Mer.	158	28	
2919	10	48.06	1	5	23	52.07	26	24	41.1[14]	Mu.	157	10	[14] Decl. changed five rev. north.
	9	49.13	2			53.35			43.4	Mer.	163	19	
2920	9	49.13	2	5	23	54.14	26	17	50.5	Mer.	163	20	
	9	48.05	1			54.38[15]			52.2	Mu.	153	23	[15] R. A. decreased one thread interval.
	9	48.06	1			54.72[16]			52.8	Mu.	157	9	[16] R. A. increased 1 min
2921	8	48.06	1	5	24	4.23	23	38	36.4	Mu.	156	17	
2922	9	48.06	3	5	24	14.94	22	55	48.9	Mer.	220	34	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
2923	8	48.01	3	5	24	19.18	28	33	25.2	Mer.	218	11	
	7	49.11	1			19.27			18.8	Mu.	221	25	
	9	48.96	3			19.39			20.4	Mu.	214	102	
2924	9	48.96	1	5	24	21.64	28	11	50.7	Mu.	214	103	
	8	47.95	4			21.65			48.3	Mer.	217	21	
2925	8	48.06	1	5	24	24.88	23	10	41.7	Mer.	220	35	
2926	9	48.01	2	5	24	41.23	28	53	48.8	Mer.	218	12	
2927	9	49.13	2	5	24	51.20	26	17	31.3	Mer.	163	21	
2928	8	48.01	1	5	25	8.44	28	38	66.7[1]	Mer.	218	13	[1] If micrometer reading be assumed as 34.942 instead of 34.642 rev., as recorded, Decl. = $56''.4$.
	7	49.11	2			8.50			59.5	Mu.	221	26	
2929	8	48.06	1	5	25	17.27[2]	23	32	27.4	Mu.	156	18	
2930	10	48.06	4	5	25	30.88	25	50	8.8	Mer.	221	16	[2] R. A. increased one thread interval.
	10	49.13	2			31.09			6.4	Mu.	227	17	
2931	10	48.06	2	5	25	36.27[3]	23	3	10.6	Mer.	220	36	[3] R. A. decreased 1 min.
2932	8	48.05	1	5	25	45.39	28	13	9.5	Mer.	219	23	
	8	47.95	5			45.56			6.6	Mer.	217	22	
	9	48.96	3			45.73			8.2	Mu.	214	104	
2933	9	49.06	2	5	25	45.75	29	46	14.2	Mu.	216	4	
	8	47.07	3			45.78			11.8	Mu.	88	35	
	9	47.10	5			45.82			13.9	Mu.	91	36	
	8	49.11	4			45.90			14.8	Mer.	161	20	
	6	49.11	4			46.01			13.0	Mer.	162	21	
2934	7	48.06	1	5	25	50.79	23	32	33.3	Mu.	156	19	
2935	9	47.09	2	5	25	53.79[4]	30	59	22.2	Mu.	89	40	[4] One of three threads rejected; R. A.=$54^{s}.65$.
	9.10	47.09	5			53.86			24.0	Mer.	83	54	
	9.10	49.13	2			53.88			21.8	Mu.	226	4	
	8	49.06	2			53.98[5]			24.3	Mer.	159	16	[5] One of three threads rejected; R. A.=$53^{s}.19$.
2936	9	47.12	1	5	25	54.32	27	18	40.0[6]	Mu.	94	12	[6] Decl. changed five rev. north.
2937	9	49.06	2	5	26	15.32	30	57	41.0	Mer.	159	17	
2938	9.10	48.96	1	5	26	16.70	27	46	5.9	Mu.	214	105	
	7	48.96	4			17.34			7.8	Mer.	158	29	
2939	9	47.12	1	5	26	25.92	27	21	25.3	Mu.	94	13[7]	[7] Unidentified. Looked for with equatorial but not found.
2940	8	48.05	1	5	26	49.01	26	22	23.5	Mu.	153	24	
	9	48.06	1			49.48			20.4	Mu.	157	11	
	8	49.13	4			49.50			21.3	Mer.	163	22	
2941	6	49.13	3	5	26	55.03	25	28	34.2	Mu.	227	18	
	7	48.06	3			55.04			33.0	Mer.	221	17	
2942	9	48.05	2	5	27	6.49	28	16	44.9	Mer.	219	24	
	9	47.95	3			6.50[8]			42.7	Mer.	217	23	[8] Two threads decreased 10 sec. each.
2943	8	49.13	1	5	27	6.52	26	40	5.0	Mer.	163	23	
2944	9	48.06	2	5	27	26.36	22	54	39.4	Mer.	220	37	
2945	9	48.06	1	5	27	36.40	22	50	30.0	Mer.	220	38	
2946	9.10	47.10	2	5	27	36.63	29	45	1.1	Mu.	91	37	
	9	49.11	2			37.07			0.6	Mer.	161	21	
2947	9	49.11	1	5	27	39.23	29	32	38.3	Mer.	161	22	
2948	9.10	48.96	2	5	27	40.84	27	55	28.9	Mu.	214	106	
2949	9	47.09	2	5	27	40.87[9]	30	52	26.8	Mu.	89	41	[9] One of three threads rejected; R. A.=$41^{s}.97$.
	9	47.09	2			41.17			29.7	Mer.	83	55	
2950	9	48.06	1	5	27	42.92[10]	23	1	57.9	Mer.	220	39	[10] R. A. decreased 1 min.
2951	8	48.06	1	5	27	43.90	25	25	4.2	Mer.	221	18	
	9	49.13	1			44.26			0.1	Mu.	227	19	
2952	9	48.01	4	5	27	51.11	28	49	60.0	Mer.	218	14	
	8	49.11	1			51.16			57.8	Mu.	221	27	
2953	9	49.06	3	5	27	58.41	29	6	24.7	Mu.	216	5	
	9	48.01	1			58.81			24.0	Mer.	218	15	
2954	7	48.05	2	5	28	1. . .[11]	28	15	17.0	Mer.	219	25	[11] Separate threads give $0^{s}.90$, $1^{s}.97$.
	7	47.95	2			1.54			16.6	Mer.	217	24	
	8.9	48.96	1			3.26[12]			16.7	Mu.	214	107	[12] "Time of transit doubtful."
2955	8	47.07	2	5	28	4. . .[13]	30	2	50.2	Mu.	88	36	[13] Separate threads give $3^{s}.32$, $4^{s}.34$.
	8	49.11	2			4.51[14]			48.1	Mer.	162	22	[14] One of three threads rejected; R. A.=$3^{s}.17$.
2956	5.6	47.07	4	5	28	5.58	29	57	17.2	Mu.	88	37	
	6	49.11	2			5.70[15]			15.9	Mer.	162	23	[15] One of three threads rejected; R. A.=$3^{s}.89$.
2957	8	47.95	1	5	28	5.60	28	8	19.1	Mer.	217	25	
	9	48.05	1			5.95			18.6[16]	Mer.	219	26	[16] Decl. changed one wire interval south and one rev. north.
2958	8	49.11	1	5	28	7.66	28	44	26.5	Mu.	221	28	
2959	8	49.06	3	5	28	8.65	31	33	27.8	Mer.	159	18	
2960	8	48.96	7	5	28	9.71	27	12	27.2	Mer.	158	30[17]	[17] "Possibly double."
2961	8	48.06	1	5	28	16.74	23	37	42.1	Mu.	156	20	
2962	9	49.13	1	5	28	26.21	25	39	3.8	Mu.	227	20	
	9	48.06	1			26.78			0.3	Mer.	221	19	
2963	9	48.06	1	5	28	30.29	23	33	12.2	Mu.	156	21	
2964	8	47.95	1	5	28	38.80	28	26	37.1	Mer.	217	26	
2965	7	49.06	2	5	29	18.87	31	26	27.3	Mer.	159	19	
	10	49.13	2			19.49			27.1	Mu.	226	5	
2966	8	47.12	3	5	29	25.51	27	16	7.1	Mu.	94	14	
2967	10	49.13	. .	5	29	40. . .	31	31	11.4	Mu.	226	6	
	8	49.06	2			40.01			13.1	Mer.	159	20	
2968	7	49.13	1	5	29	42.54	25	50	20.8	Mu.	227	21	
	8	48.06	3			42.83			16.3	Mer.	221	20	
2969	8	47.12	1	5	29	44.01	27	42	40.2	Mu.	94	15	
	7	48.96	4			44.09			39.9	Mer.	158	31	
	9	47.10	3			44.41			41.2	Mer.	84	1	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
2970	9	47.12	1	5	29	57.28	27	44	43.8[1]	Mu.	94	16	[1] If micrometer reading be assumed as 18.700 instead of 19.100 rev., as recorded, Decl. = 69″.0, agreeing with AW and GZ.
2971	9	48.96	1	5	29	58.51	27	45	7.9	Mu.	214	108	
2972	9	47.15	2	5	30	2.15	30	55	30.9	Mu.	95	1	
	8.9	47.09	3			2.35			31.4	Mer.	83	56	
2973	8	47.95	1	5	30	9.92	27	54	31.1	Mer.	217	27	
2974	7.8	47.09	3	5	30	12.95	30	38	2.9	Mer.	83	57	
	7.8	47.15	3			13.16			0.1	Mu.	95	2	
2975	5	48.01	5	5	30	18.51	28	48	16.2	Mer.	218	16	
	4	49.11	3			18.56			17.2	Mu.	221	29	
2976	7	49.13	2	5	30	31. . .[2]	25	55	37.4	Mu.	227	22	[2] Separate threads give $32^{s}.94$, $31^{s}.04$.
	7	49.13	4			31.11			36.4	Mer.	163	24	
	8	48.06	3			31.34			34.1	Mer.	221	21	
	9	48.06	1			31.62			36.3[3]	Mu.	157	12	[3] Decl. changed five rev. south.
2977	9	48.06	1	5	30	45.92	23	56	0.6	Mu.	156	22	
2978	10	49.11	2	5	30	47.39	30	15	10.8	Mer.	162	24	
2979	9	48.06	1	5	30	52.42	22	55	44.8	Mer.	220	40	
2980	8	48.06	1	5	31	14.71[4]	22	50	32.2	Mer.	220	41	[4] R. A. decreased one thread interval.
2981	7	47.12	1	5	31	20.92	27	57	36.9[5]	Mu.	94	17	[5] Micrometer reading changed from 9.08 to 6.80 rev. If reduced as recorded, Decl.=55′ 13″.6.
	8	48.96	3			20.97			45.0	Mu.	214	109	
	5	47.95	2			21.03			44.1	Mer.	217	28	
	5	48.05	5			21.21			43.5	Mer.	219	27	
	7	47.10	2			21.39			47.6	Mer.	84	2	
	4	48.96	2			21.41			45.2	Mer.	158	32	
2982	9	47.10	1	5	31	35.99	27	40	37.3	Mer.	84	3	
	8	48.96	3			36.30			36.6	Mer.	158	33	
	8	47.12	1			36.31			40.5	Mu.	94	18	
2983	8	49.06	2	5	31	46.30	31	11	46.5	Mer.	159	21	
	10	49.13	1			46.44			48.3	Mu.	226	8	
2984	7	48.01	2	5	31	47.52	28	43	6.5	Mer.	218	17	
	7	49.11	1			47.57			3.6	Mu.	221	30	
2985	9	48.96	1	5	31	49.92	28	6	8.9	Mu.	214	110	
	8	47.95	2			50.01			9.1	Mer.	217	29	
	8	48.05	1			50.08			11.0[6]	Mer.	219	28	[6] Decl. changed one rev. north.
2986	9	49.13	3	5	31	50.37	31	9	13.8	Mu.	226	7	
	8	47.09	5			50.39			14.1	Mu.	89	42	
	6	49.06	6			50.50[7]			11.2	Mer.	159	22	[7] R. A. decreased 1 min.
2987	5	49.11	2	5	31	53. . .[8]	28	46	58.0	Mu.	221	31	[8] Separate threads give $52^{s}.90$, $54^{s}.16$.
	6	48.01	3			53.21			62.2[9]	Mer.	218	18	[9] Decl. changed one rev. north.
2988	8	47.10	6	5	31	59.70	29	1	46.7	Mu.	91	38	
	7	48.01	1			59.82			42.6[10]	Mer.	218	19	[10] Decl. changed one rev. north.
	6	49.11	3			59.93			43.8	Mer.	161	23	
	8	49.06	5			60.09			42.8	Mu.	216	6	
2989	4	47.12	. .	5	32	8. . .	27	18	7.1	Mu.	94	19	
	7	47.10	1			8.53			7.4	Mer.	84	4	
2990	8	47.09	6	5	32	16.24	30	36	29.4	Mer.	83	58	
	8.9	47.15	4			16.26[11]			25.7	Mu.	95	3	[11] R. A. increased 1 min.
2991	10	49.11	3	5	32	20.87	30	11	0.2	Mer.	162	25	
2992	7	49.11	2	5	32	42.36	28	55	36.1	Mu.	221	32	
2993	8	47.95	2	5	32	47.17	28	7	6.3	Mer.	217	30	
	9.10	48.96	2			47.22			5.0	Mu.	214	111	
2994	7	47.95	1	5	32	57.71	27	48	60.0	Mer.	217	31	
	7	48.96	3			57.87			61.3	Mer.	158	34	
	8	48.05	1			57.91[12]			58.8	Mer.	219	29	[12] R. A. increased 1 min. and decreased one thread interval.
	9	47.10	1			58.03			61.6	Mer.	84	5	
2995	8	48.06	1	5	33	11.13	25	35	45.2[13]	Mer.	221	22	[13] Decl. changed one rev. north.
	7	49.13	1			11.32			45.8	Mu.	227	23	
2996	. .	48.06	1	5	33	17.12	25	37	11.1	Mer.	221	23	
	7	49.13	1			17.61			11.9	Mu.	227	24	
2997	8	49.11	2	5	33	27.75	29	47	54.4	Mer.	162	26	
	8	47.07	3			27.88			53.4	Mu.	88	38	
	7	49.11	3			28.09			53.0	Mer.	161	24	
	9	49.06	2			28.37			54.3	Mu.	216	7	
2998	8	48.06	3	5	33	28.06	22	54	46.2	Mer.	220	42	
2999	9	47.09	1	5	33	34.69	30	22	52.9	Mer.	83	59	
	9	47.15	3			35.38[14]			54.4	Mu.	95	4	[14] One thread decreased 10 sec.; another decreased 20 sec.
3000	7	49.13	1	5	33	38.65	25	42	25.9	Mu.	227	25	
	8	48.06	1			38.95			21.9	Mer.	221	24	
3001	7	48.96	3	5	33	52.45	27	31	2.3	Mer.	158	35	
	8	47.12	1			52.77			2.3	Mu.	94	20	
3002	6	48.06	2	5	33	52.94	23	48	19.4	Mu.	156	23	
3003	7	49.11	1	5	33	59.52	29	43	1.5	Mer.	162	27	
	8	49.11	1			59.82			1.0	Mer.	161	25	
	9	49.06	1			60.08			3.3	Mu.	216	8	
3004	7	48.06	2	5	34	8.07[15]	22	43	50.3[16]	Mer.	220	43	[15] One of three threads rejected; R. A.=$7^{s}.35$.
3005	8	47.95	1	5	34	9.38	27	49	21.4	Mer.	217	32	[16] Decl. changed five rev. north.
	9	48.96	1			10.45			18.3	Mu.	214	113	
3006	8	48.06	1	5	34	13.71	23	7	6.4	Mer.	220	44	
3007	7	47.09	2	5	34	14.42	30	43	9.2	Mer.	83	60	
	8	47.15	1			14.90			8.3[17]	Mu.	95	5	[17] Decl. changed one rev. north.
3008	7	47.95	2	5	34	15.04	27	52	60.1	Mer.	217	33	
	9	48.96	2			15.34			55.2	Mu.	214	112	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
3009	9	48.01	2	5	34	15.31	28	51	13.2	Mer.	218	20	
3010	8	47.95	1	5	34	25.68	27	50	36.6	Mer.	217	34	
	9	48.96	1			25.93			34.0	Mu.	214	114	
	8	47.10	2			25.94			33.8	Mer.	84	6	
	8	47.12	1			26.16			42.8	Mu.	94	21	
3011	8.9	47.09	4	5	34	26.75	31	19	44.1	Mu.	89	43	
	7	49.06	3			26.77			39.8	Mer.	159	23	
	9	49.13	3			27.03			40.6	Mu.	226	9	
3012	8	48.06	1	5	34	39.89	25	45	17.3	Mer.	221	25	
3013	8	48.06	2	5	34	56.50[1]	25	35	14.3	Mer.	221	26	[1] Separate threads give $56^{s}.13$, $56^{s}.88$.
	6	49.13	1			56.65			16.1	Mu.	227	26	
3014	8	48.05	3	5	35	4.16	28	1	52.7	Mer.	219	30	
3015	6	49.11	3	5	35	5.62	29	48	5.4[2]	Mer.	162	28	[2] Decl. changed one wire interval north.
	6	47.07	4			5.63			5.3	Mu.	88	39	
	5	49.11	3			5.69			5.4	Mer.	161	26	
	8	49.06	2			5.73			5.7	Mu.	216	9	
3016	9.10	49.13	1	5	35	9.97	31	28	49.4	Mu.	226	10	
3017	6	49.06	2	5	35	13.16	31	24	55.6	Mer.	159	24	
	9	49.13	1			13.17			53.9	Mu.	226	11	
	9	47.09	2			13.66[3]			58.3	Mu.	89	44	[3] One of three threads rejected; R. A. $=12^{s}.57$.
3018	9	48.05	2	5	35	13.62[4]	27	53	25.4[5]	Mer.	219	31	[4] R. A. increased 1 min.
3019	7	48.05	2	5	35	16. . .[6]	26	25	33.6	Mu.	153	25	[5] Decl. changed one rev. north.
	9	49.13	6			16.60			33.4	Mer.	163	25	[6] Separate threads give $16^{s}.00$, $17^{s}.63$.
	8	48.06	1			17.06			33.9[7]	Mu.	157	13	[7] Decl. changed five rev. south.
3020	11	49.13	2	5	35	17.34	26	25	57.2	Mer.	163	26	
3021	8	49.11	2	5	35	20.20	28	38	53.6	Mu.	221	33	
3022	7	49.06	1	5	35	31.01	31	18	29.3	Mer.	159	25	
3023	9	48.05	1	5	35	49.12	28	8	45.9	Mer.	219	32	
	9	47.95	1			49.73			42.4	Mer.	217	35	
	9.10	48.96	1			50.01			46.4	Mu.	214	115	
3024	10	48.01	1	5	35	56.82	28	50	38.2	Mer.	218	21	
	8	49.11	1			57.12			41.1	Mu.	221	34	
3025	9	47.10	1	5	35	58.88	27	46	14.4	Mer.	84	7	
3026	7	48.06	3	5	36	2.48	22	33	56.1	Mer.	220	45	
3027	8	47.12	2	5	36	24.17	27	46	57.1	Mu.	94	22	
	8	47.10	2			24.20			56.7	Mer.	84	8	
	8	48.96	7			24.24			56.1	Mer.	158	36	
	8.9	48.96	2			24.34			54.2	Mu.	214	116	
3028	5.6	47.09	7	5	36	28.55	30	36	39.8	Mer.	83	61	
	7.8	47.15	5			28.76			38.5	Mu.	95	6	
3029	8	48.06	1	5	36	29.43	23	54	4.8	Mu.	156	24	
3030	9	47.95	1	5	36	53.32	28	4	34.0[8]	Mer.	217	36	[8] Decl. changed one wire interval south.
3031	7	49.11	5	5	37	4.70	29	24	9.6	Mer.	161	27	
	8.9	49.06	3			4.74			11.9	Mu.	216	10	
3032	10	47.95	1	5	37	21.71	28	6	51.9[9]	Mer.	217	37	[9] Decl. changed one wire interval south.
3033	7	49.13	3	5	37	23.79	25	41	30.8	Mu.	227	27	
	9	48.06	4			24.09			26.6	Mer.	221	27	
3034	8	48.05	2	5	37	24.64	26	12	57.0	Mu.	154	1	
	9	48.06	2			24.97			57.9	Mu.	157	14	
	8	49.13	3			24.98			57.0	Mer.	163	27	
3035	8	48.06	4	5	37	24.78	22	51	5.6	Mer.	220	46	
3036	9	48.06	1	5	37	45.87	22	52	36.6	Mer.	220	47	
3037	9	48.06	1	5	38	3.47	23	50	43.7	Mu.	156	25	
3038	7	47.95	2	5	38	14.27	28	17	42.5	Mer.	217	38	
	8.9	48.96	4			14.38			42.4	Mu.	214	117	
	7	48.05	3			14.63[10]			42.9[11]	Mer.	219	33	[10] R. A. increased 5 min.
3039	8	48.96	6	5	38	15.85[12]	27	36	50.3	Mer.	158	37	[11] Decl. changed two wire intervals south.
	7	47.12	3			15.95			51.6	Mu.	94	23	[12] R. A. decreased 1 min.
	8	47.10	2			15.99[13]			47.4	Mer.	84	9	[13] R. A. decreased 10 sec.
3040	9	48.01	2	5	38	15.89	28	40	36.6	Mer.	218	22	
	9	49.11	1			17.55			44.6	Mu.	221	35	
3041	7	47.15	3	5	38	19.89[14]	30	40	44.5	Mu.	95	7	[14] R. A. should be increased 1 sec. to agree with Ya, GZ, and CPD.
	9	47.09	4			21.32			43.8	Mer.	83	62	
3042	9	48.06	1	5	38	30.37	22	54	51.4	Mer.	220	48	
3043	9	48.05	1	5	38	39.00	26	12	59.1	Mu.	154	2	
3044	8	49.11	3	5	38	48.95[15]	29	31	30.6	Mer.	161	28	[15] R. A. increased 1 min.
3045	7	49.11	2	5	38	53.60	29	58	29.9	Mer.	162	29	
	7	47.07	3			53.71			31.2	Mu.	88	40	
3046	9.10	48.96	1	5	39	2.73	27	45	48.8	Mu.	214	118	
	9	47.10	1			2.99			53.1[16]	Mer.	84	10	[16] Decl. changed four wire intervals south.
3047	9	48.01	1	5	39	3.45	29	2	56.7	Mer.	218	23[17]	[17] CPD—29°972 precedes this 2 sec. and is four rev. north.
3048	8	48.06	1	5	39	8.09	23	53	54.8	Mu.	156	26	
3049	10	47.09	1	5	39	8.98	31	0	22.2	Mer.	83	63	
3050	9	48.06	2	5	39	9.13	22	56	22.9	Mer.	220	49	
3051	9	49.11	1	5	39	19.10[18]	28	43	0.9	Mu.	221	36	[18] R. A. increased one thread interval.
3052	9	49.11	1	5	39	21.04	29	36	10.4	Mer.	161	29	
3053	10	47.95	3	5	39	28.62	27	57	46.5	Mer.	217	39	
3054	8	47.10	1	5	39	32.97[19]	27	32	55.6	Mer.	84	11	[19] R. A. decreased 1 min.
	7	48.96	2			33.88			54.8[20]	Mer.	158	38	[20] Decl. changed one rev. south.
	7	47.12	2			33.93			57.8[21]	Mu.	94	24	[21] Decl. changed one rev. north.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
3055	9	49.11	2	5	39	33.45	29	58	29.8	Mer.	162	30	
3056	8	49.13	2	5	39	36.01	31	43	59.4	Mu.	226	12	
3057	8	48.96	1	5	39	53.23	27	27	36.6	Mer.	158	39	
	8	47.12	1			53.44			38.0	Mu.	94	25	
3058	7	49.06	1	5	39	58.41	30	58	27.0	Mer.	159	27	
	8.9	47.09	1			58.79			20.0	Mer.	83	64	
3059	7	48.06	1	5	40	0.62	23	42	21.4	Mu.	156	27	
3060	8	49.11	1	5	40	2.47	29	9	17.3	Mer.	161	30	
	9	49.06	2			2.64			15.0	Mu.	216	11	
3061	8	49.06	4	5	40	2.67	31	34	38.3	Mer.	159	26	
	9	49.13	2			2.86			39.2	Mu.	226	13	
3062	9	48.06	2	5	40	4.97	25	56	18.2	Mer.	221	28	
	9	49.13	1			5.95			17.8	Mu.	227	28	
3063	8	49.13	1	5	40	5.75	26	41	8.0	Mer.	163	28	
3064	9	48.06	1	5	40	22.40	22	40	54.8[1]	Mer.	220	50	[1] Decl. changed one wire interval south.
3065	8	48.06	1	5	40	26.79[2]	26	26	15.9	Mu.	157	15	[2] R. A. decreased one thread interval.
	8	49.13	2			26.96			11.2	Mer.	163	29	
3066	10	47.09	1	5	40	52.54	30	37	26.8	Mer.	83	65	
3067	8	49.13	2	5	40	54.35	25	45	53.8	Mu.	227	29	
	9	48.06	1			54.91			53.9	Mer.	221	29	
3068	7	48.01	2	5	41	2.72	28	56	36.0	Mer.	218	24	
3069	9	48.05	1	5	41	4.31[3]	26	18	54.1	Mu.	154	3	[3] R. A. decreased 40 sec.
	8	48.06	1			6.62			54.3	Mu.	157	16	
	7	49.13	2			6.87			55.0	Mer.	163	30	
3070	6	48.01	1	5	41	11.79	28	41	51.8[4]	Mer.	218	25	[4] Decl. changed one rev. north.
	5	49.11	3			13.27			49.7	Mu.	221	37	
3071	7	47.95	4	5	41	11.89	28	19	31.5	Mer.	217	40	
	9	48.96	3			12. . .[5]			31.3	Mu.	214	119	[5] Separate threads give 12^s.53, 11^s.45, 12^s.05.
	8	48.05	4			12.04			32.0[6]	Mer.	219	34	[6] Decl. changed ten rev. south.
3072	7	47.10	2	5	41	23.15	27	11	26.6	Mer.	84	12	
	6	48.96	3			23.23			26.1	Mer.	158	40	
	7	47.12	3			23.28			27.9	Mu.	94	26	
3073	8	48.06	3	5	41	38.92	22	45	31.1	Mer.	220	51	
3074	8	49.11	2	5	41	57.89	28	36	9.5	Mu.	221	38	
3075	7	49.06	2	5	41	57.94	31	21	12.2	Mer.	159	28	
	9.10	49.13	2			58.05			10.4	Mu.	226	14	
3076	9	49.13	1	5	42	14.62	26	11	33.6[7]	Mer.	163	31	[7] If micrometer reading be assumed as 44.779 instead of 44.179 rev., as recorded Decl. =12″.8. AW gives 16″. Gou gives 15″.
3077	9.10	47.09	1	5	42	21.68	30	58	25.4	Mer.	83	66	
	9.10	49.13	1			22.05			22.0	Mu.	226	15	
3078	8	48.06	2	5	42	48.53[8]	23	51	47.4[9]	Mu.	156	28	[8] One thread increased 10 sec.
3079	8	49.11	2	5	43	12.21	28	25	44.4	Mu.	221	39	[9] Decl. changed one rev. north.
	9	48.96	4			12.47			45.5	Mu.	214	120	
	8	47.95	4			12.51[10]			47.3	Mer.	217	41	[10] R. A. increased 1 min.
	7	48.05	4			12.55			43.7	Mer.	219	35	
3080	9	48.01	2	5	43	16.67	29	5	17.7	Mer.	218	26	
	7	49.11	2			16.69			16.0	Mer.	161	31	
3081	9	49.13	1	5	43	22.75	25	51	9.8	Mu.	227	30	
	10	48.06	3			23.16			11.4	Mer.	221	30	
3082	7	49.11	3	5	43	26.87	29	38	10.6	Mer.	162	31	
	8.9	49.06	5			26.99			6.7	Mu.	216	12	
	8	49.11	1			27.31[11]			10.2	Mer.	161	33	[11] R. A. decreased 1 min.
3083	8	49.13	3	5	43	34.28	26	23	41.9	Mer.	163	32	
	7	48.06	1			34.67			42.0	Mu.	157	17	
	8	48.05	2			34.98			42.4	Mu.	154	4	
3084	7	49.11	1	5	43	36.07	29	36	35.8	Mer.	161	32	
	7	49.11	2			36.23[12]			35.2	Mer.	162	32	[12] R. A. decreased 1 min.
	8.9	49.06	3			36.38			31.8	Mu.	216	13	
3085	6	48.06	3	5	43	37.74	23	1	14.7	Mer.	220	52	
3086	7	49.06	2	5	43	38.33	31	8	25.5	Mer.	159	29	
	9.10	49.13	1			38.35			29.4	Mu.	226	16	
3087	9	47.10	2	5	44	1.30	27	36	16.4	Mer.	84	13	
	8.9	47.12	1			1.40			17.4	Mu.	94	27	
3088	6	48.08	2	5	44	9. . .[13]	25	49	47.8	Tr.	160	1	[13] R. A. increased one thread interval. Separate threads give 12^s.02, 9^s.97.
	8	49.13	1			9.37			47.0	Mu.	227	31	
	. .	48.06	1			9.68[14]			49.0[15]	Mer.	221	31	[14] R. A. increased 1 min.
3089	5.6	47.09	3	5	44	11.59	30	40	4.0	Mer.	83	67	[15] Decl. changed one wire interval south.
3090	9.8	47.09	1	.5	44	29.79	30	52	54.4	Mer.	83	68	
3091	. .	48.06	2	5	44	42.73	25	46	28.6[16]	Mer.	221	32	[16] Decl. changed one wire interval north.
3092	8.9	47.07	2	5	44	48.84	29	53	36.9	Mu.	88	41	
	8	49.11	3			48.95			31.3	Mer.	162	33	
3093	9	48.01	2	5	44	55. . .[17]	29	9	22.1[18]	Mer.	218	27	[17] Separate threads give 55^s.88, 54^s.90.
	9	49.06	2			55.58			41.9	Mu.	216	14	[18] If micrometer reading be assumed as 42.638 instead of 42.938 rev., as recorded, Decl = 32″.5. Gou gives 37″.
3094	7	49.13	2	5	44	55.63	25	55	6.0	Mer.	163	33	
	9	48.06	1			56.07			8.9[19]	Mu.	157	18	
3095	9	49.06	1	5	44	59.84	29	8	46.5	Mu.	216	15	[19] Decl. changed one rev. south.
	9	48.01	2			59.99			47.2	Mer.	218	28	
3096	8	49.13	1	5	45	3.71	25	44	16.6	Mu.	227	32	
	. .	48.06	1			4.38			18.5	Mer.	221	33	
	9	48.08	1			4.47			13.3	Tr.	160	2	
3097	6	48.06	3	5	45	12.56[20]	22	58	3.4	Mer.	220	53	[20] One of four threads rejected; R. A.=11^s.65.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
3098	8	47.95	1	5	45	14.54	28	13	33.0	Mer.	217	42	
3099	10	48.96	2	5	45	19. . .[1]	28	27	62.8	Mu.	214	121	[1] Separate threads give 19^s.62, 20^s.92.
	10	47.95	2			19.18			68.3	Mer.	217	43	
	8	49.11	1			19.31			62.5	Mu.	221	40	
	8	48.05	3			19.94			57.6[2]	Mer.	219	36	[2] If micrometer reading be assumed as 46.634 instead of 46.934 rev., as recorded, Decl. = 68″.0.
3100	9	47.95	1	5	45	36.86[3]	28	22	59.5	Mer.	217	44	
	9.10	48.96	1			37.09			56.2	Mu.	214	122	
	8	48.05	3			37.13			53.1	Mer.	219	37	[3] R. A. increased one thread interval.
3101	10	49.13	2	5	45	52. . .[4]	31	32	33.7	Mu.	226	17	[4] Separate threads give 52^s.32, 53^s.14.
3102	9	47.09	2	5	45	59.29	30	30	8.9[5]	Mer.	83	69	[5] Decl. changed one wire interval south.
3103	6.5	49.13	2	5	46	1.93	25	59	4.3	Mu.	227	33	
	7	48.06	1			1.98			5.2	Mu.	157	19	
	7	49.13	2			2.07			4.2	Mer.	163	34	
	7	48.06	1			2.12			2.7	Mer.	221	34	
	7	48.08	1			2.12			7.4	Tr.	160	3	
3104	7.8	49.06	1	5	46	11.62	29	29	18.5	Mu.	216	16	
	5	49.11	5			11.93			21.3	Mer.	161	34	
	7	49.14	2			12.18[6]			19.0	Mu.	230	1	[6] One of three threads rejected; R. A. = 11^s.42.
3105	8	49.13	2	5	46	21.94	26	19	48.9	Mer.	163	35	
	8	48.05	3			21.94			50.0	Mu.	154	5	
3106	10	49.13	1	5	46	23.88	31	32	12.0	Mu.	226	18	
3107	9	48.01	1	5	46	24.80	28	41	39.0	Mer.	218	29	
	7	49.11	2			24.86[7]			40.0	Mu.	221	41	[7] Separate threads give 25^s.26, 24^s.47.
3108	9	47.95	2	5	46	43.28	28	13	49.9	Mer.	217	45	
	10	48.96	1			43.37			53.6	Mu.	214	123	
	..	48.05	1			43.59			49.0[8]	Mer.	219	38	[8] Decl. changed one rev. north.
3109	9	48.06	2	5	47	11.84	23	9	38.5	Mer.	220	54	
3110	8	47.09	3	5	47	18.66	30	36	28.8	Mer.	83	70	
3111	9	48.06	1	5	47	40.78	23	12	0.3	Mer.	220	55	
3112	..	48.05	2	5	47	42.15[9]	28	22	44.4	Mer.	219	39	[9] One of three threads rejected; R. A. = 41^s.42.
	10	48.96	1			42.81			47.8	Mu.	214	124	
	8	47.95	3			42.90[10]			48.1	Mer.	217	46	[10] First two threads decreased 1 sec. each
3113	8	47.09	1	5	47	45.93	30	49	17.2	Mer.	83	71	
3114	8	48.01	1	5	47	56.72	29	2	13.9[11]	Mer.	218	30	[11] Decl. changed one rev. north.
	..	49.11	1			57.37			14.6	Mu.	221	42	
3115	..	48.06	1	5	48	6.88[12]	25	56	43.1	Mer.	221	35	[12] R. A. increased 1 min.
3116	9	49.11	2	5	48	12.89	29	47	18.3	Mer.	162	35	
3117	9	49.11	3	5	48	13.32	30	1	34.1	Mer.	162	34	
	8	47.07	2			13.72			33.5	Mu.	88	42	
3118	..	48.06	2	5	48	13. . .[13]	25	33	25.1	Mer.	221	36	[13] R. A. increased 1 min. Separate threads give 13^s.41, 14^s.27.
	7	49.13	2			13.84			31.4	Mu.	227	34	
	9	48.08	2			14.10			28.2	Tr.	160	4	
3119	..	49.11	1	5	48	18.84	29	8	9.2	Mer.	161	35	
	9.10	49.14	2			19.14[14]			11.4	Mu.	230	2	[14] One thread increased 5 sec.
	9	49.06	1			19.24			8.1	Mu.	216	17	
3120	7	49.11	1	5	48	24.80	29	10	38.5	Mu.	221	43	
	5	49.11	2			24.96			. . . .	Mer.	161	36	
	7	49.14	3			25.35[15]			37.0	Mu.	230	3	[15] One of four threads rejected; R. A. = 24^s.54.
	7.8	49.06	2			25.36			37.4	Mu.	216	18	
3121	9	48.06	1	5	48	27.21	22	52	4.8	Mer.	220	56	
3122	7	49.13	4	5	48	39.20	26	41	35.3[16]	Mer.	163	36	[16] Decl. changed one rev. south.
3123	9	48.06	1	5	48	42.61	23	58	53.0	Mu.	156	29	
3124	8	49.06	5	5	48	43.85	31	9	59.7	Mer.	159	30	
	9	49.13	2			44.17			63.9	Mu.	226	19	
3125	..	49.13	2	5	48	44.24	25	28	23.8	Mu.	227	35	
	7	48.06	1			44.48			30.1	Mer.	221	37	
	9	48.08	2			44.54			22.6	Tr.	160	5	
3126	6.7	47.09	2	5	49	15.64	30	20	7.3	Mer.	83	72	
3127	9	48.01	1	5	49	15.88	29	6	50.4[17]	Mer.	218	31	[17] Decl. changed one rev. south.
3128	7	47.95	4	5	49	29.59	27	57	42.3	Mer.	217	47	
	8	48.05	1			29.73			42.7	Mer.	219	40	
3129	6	49.11	1	5	49	44.55	28	58	51.8[18]	Mu.	221	45	[18] Decl. changed five rev. south.
	8	48.01	1			44.73			49.1[19]	Mer.	218	32	[19] Decl. changed one rev. north.
3130	7	49.11	1	5	49	49.51[20]	29	9	45.9	Mer.	161	37	[20] R. A. decreased 1 min.
	9	49.14	4			50.02			43.5	Mu.	230	4	
	8	49.06	1			50.25			43.0	Mu.	216	19	
	7	49.11	1			50.43			45.1	Mu.	221	44	
3131	7	49.11	3	5	49	51.11	29	56	44.9	Mer.	162	36	
	6	47.07	3			51.36[21]			46.4	Mu.	88	44	[21] One thread decreased one thread interval.
3132	8	47.07	2	5	49	52.60[22]	29	59	38.5	Mu.	88	43	[22] R. A. decreased one thread interval.
	8	49.11	3			52.88			35.8	Mer.	162	37	
3133	6	48.06	4	5	49	56.41	22	51	58.9	Mer.	220	57	
3134	8	48.06	1	5	50	7.23	24	6	47.9	Mu.	156	30	
3135	6	48.06	1	5	50	19.52	23	14	26.0	Mer.	220	58	
3136	6	49.06	4	5	50	21.11	31	33	25.4	Mer.	159	31	
	7.8	49.13	4			21.14			24.8	Mu.	226	20	
3137	8	49.13	4	5	50	32.11[23]	26	32	52.1	Mer.	163	37	[23] One of five threads rejected; R. A. = 31^s.03.
	10	48.05	3			32.11			53.5	Mu.	154	6	
	8	48.06	2			32.15			52.9	Mu.	157	20	
3138	5	49.06	4	5	50	42.32	31	24	19.3	Mer.	159	32	
	7	49.13	3			42.26			21.6	Mu.	226	21	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
3139	8	47.95	2	5	50	47. . .[1]	28	30	12.2	Mer.	217	48	[1] R. A. increased 1 min. Separate threads give $47^{s}.47$, $48^{s}.27$.
	8	48.05	1			47.41			9.3[2]	Mer.	219	41	
	9.10	48.96	2			47.64			11.9	Mu.	214	125	[2] Decl. changed one rev. north.
3140	6	49.11	1	5	51	7.43	28	46	56.7	Mu.	221	46	
3141	8	49.11	3	5	51	12.12	30	5	37.5	Mer.	162	38	
	8	47.07	1			12.35			36.7	Mu.	88	45	
3142	9	47.10	1	5	51	19.61	27	21	6.0	Mer.	84	14	
	8	47.12	3			21.50			4.1	Mu.	94	28	
	8	48.96	5			21.77			6.4	Mer.	158	41	
3143	6	49.11	1	5	51	22.54	28	53	55.9	Mu.	221	47	
3144	7	47.95	2	5	51	23.83	28	27	55.5	Mer.	217	49	
	..	48.05	2			24.00			51.0	Mer.	219	42	
3145	7	49.06	2	5	51	27.19[3]	31	16	30.8	Mer.	159	33	[3] R. A. increased 30 sec.
	9	49.13	1			27.29			33.1	Mu.	226	22	
3146	8	47.12	1	5	51	32.82	27	47	6.6	Mu.	94	29	
	9	47.10	2			32.99			3.8	Mer.	84	15	
	8	48.96	1			33.38			7.2	Mer.	158	42	
3147	9	48.96	1	5	51	44.43	27	43	....	Mer.	158	43	
3148	9	48.06	1	5	51	56.42	23	48	40.6	Mu.	156	31	
3149	8	49.11	3	5	51	58.03	29	12	5.6	Mer.	161	38	
	9.10	49.06	1			58.46			6.4	Mu.	216	20	
3150	10	48.06	2	5	52	5.45[4]	23	13	57.2	Mer.	220	59	[4] R. A. increased 1 min.
3151	10	48.06	1	5	52	7.70[5]	23	15	34.1	Mer.	220	60	[5] R. A. increased 1 min.
3152	8	48.06	3	5	52	10.29	25	15	4.7	Mer.	221	38	
3153	9	48.06	2	5	52	16. . .[6]	26	13	21.1	Mu.	157	21	[6] Separate threads give $17^{s}.15$, $16^{s}.23$.
	9	49.13	2			16.47			17.5	Mer.	163	38	
	10	48.05	1			16.47			20.3	Mu.	154	7	
3154	7	47.95	1	5	52	24.48	27	59	56.7	Mer.	217	50	
	6	48.05	1			24.52			....	Mer.	219	43	
3155	8	48.01	2	5	52	25.24[7]	29	7	35.2[8]	Mer.	218	33	[7] One of three threads rejected; R. A.$=24^{s}.36$.
	8.9	49.14	3			25.34[9]			35.8	Mu.	230	5	[8] Micrometer reduced for 46.080 instead of 46.80 rev., as recorded.
	8	49.06	1			25.41			36.6	Mu.	216	21	
	8	49.11	3			25.45			37.3	Mer.	161	39	[9] Second thread decreased 11 sec., third 1 sec.
	6	49.11	1			25.45			38.1	Mu.	221	48	
3156	9.10	49.13	1	5	52	44.06	31	2	9.7	Mu.	226	23	
	7	49.06	1			44.39[10]			11.2	Mer.	159	34	[10] R. A. decreased 1 min. and one thread interval.
	9	47.09	3			44.66			6.0	Mer.	83	73	
3157	9	49.13	2	5	52	45. . .[11]	25	23	28.1	Mu.	227	36	[11] Separate threads give $46^{s}.37$, $45^{s}.42$.
	10	48.08	2			45.87			27.0	Tr.	160	6	
	8	48.06	2			46.02			26.6	Mer.	221	39	
3158	9	48.06	1	5	53	4.83	23	0	52.6	Mer.	220	61	
3159	8	47.95	1	5	53	19.30	28	32	23.8	Mer.	217	51	
	9	48.01	2			19.57			20.9[12]	Mer.	218	34	[12] Decl. changed one wire interval north.
3160	8	48.06	1	5	53	20.51	23	42	54.6	Mu.	156	32	
3161	9	49.13	1	5	54	8.37	25	27	10.3[13]	Mu.	227	37	[13] Decl. changed four rev. south.
	..	48.06	1			8.56			12.6	Mer.	221	40	
	9	48.08	2			8.77			11.5	Tr.	160	7	
3162	8	47.12	2	5	54	10.69	27	37	58.6	Mu.	94	30	
3163	8	48.01	1	5	54	13.58	29	12	43.9[14]	Mer.	218	35	[14] If reduced for wire 1, 36.448 rev., instead of wire 1, 37.148 rev., as recorded. Decl.$=68''.0$.
	8.9	49.14	4			13.88			65.8	Mu.	230.	6	
	8	49.06	5			13.94			66.5	Mu.	216	22	
	7	49.11	4			14.01			66.2	Mer.	161	40	
3164	9	48.06	1	5	54	19.11	25	20	26.6	Mer.	221	41	
3165	8	47.09	2	5	54	30.06	30	52	26.7	Mer.	83	74	
	7	49.06	1			30.21			26.8	Mer.	159	35	
3166	7	48.05	2	5	54	33.57	27	53	46.5	Mer.	219	44	
	9	48.96	4			33.87			51.9	Mer.	158	44	
	7	47.95	2			33.93			53.4	Mer.	217	52	
	7	47.12	1			34.60			51.7	Mu.	94	31	
3167	..	48.06	1	5	54	42.81[15]	25	32	45.1	Mer.	221	42	[15] R. A. decreased one thread interval.
	8	49.13	1			42.83			49.0	Mu.	227	38	
3168	7	49.06	3	5	54	44.09	31	3	20.7	Mer.	159	36[16]	[16] Component not stated.
3169	8	47.09	3	5	54	44.68	31	3	24.8	Mer.	83	75[17]	[17] "Double, same magnitude." The note seems to indicate that the south star was observed.
	8.9	49.13	4			44.77			24.5	Mu.	226	24[18]	
3170	10	48.08	1	5	54	46.88	25	32	11.3	Tr.	160	8[19]	[18] Component not stated.
3171	9	48.06	4	5	54	47.76	23	10	21.4	Mer.	220	62	[19] Unidentified. Looked for with equatorial but not found.
3172	8	47.07	2	5	54	50.42	30	5	32.4	Mu.	88	46	
	9	49.11	2			50.86			34.6	Mer.	162	39	
3173	8	48.06	1	5	54	55.35	23	54	10.2	Mu.	156	33	
	9	48.06	1			55.80			12.8	Tr.	158	1	
3174	6	48.06	1	5	55	7.23[20]	25	25	30.1	Mer.	221	43	[20] R. A. decreased 10 sec.
	4	49.13	2			7.41			24.9	Mu.	227	39	
3175	10	49.11	1	5	55	11.37	29	55	56.0	Mer.	162	40	
3176	9	49.13	2	5	55	32.84	31	43	59.7	Mu.	226	25	
3177	10	48.06	1	5	55	32.98	25	58	5.2	Mu.	157	22	
3178	9	49.11	1	5	55	41.80	29	31	11.9	Mer.	161	41	
	9.10	49.06	2			42.68			12.7	Mu.	216	23	
3179	..	49.11	1	5	55	55.36	29	52	57.1	Mer.	162	41	
	8	47.07	1			55.96			50.0	Mu.	88	47	
3180	7	47.10	1	5	55	55.47	27	21	41.2	Mer.	84	16	
	6	48.96	5			55.98			41.7	Mer.	158	45	
	7	47.12	3			55.99			41.9	Mu.	94	32	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
3181	9. 10	49.06	1	5	55	57.43	29	25	43.8	Mu.	216	24	
	9	49.11	1			57.39			45.1	Mer.	161	42	
3182	10	47.95	1	5	56	1.89	28	20	25.8	Mer.	217	53	
3183	9	48.06	2	5	56	4.33 [1]	25	38	4.1 [2]	Mer.	221	44	[1] R. A. decreased 1 min.
	9	48.08	1			4.80			6.3	Tr.	160	9	[2] Decl. changed five rev. north.
3184	9	49.13	4	5	56	7.87 [3]	26	39	58.2	Mer.	163	39	[3] R. A. increased 1 min.
3185	6	48.96	2	5	56	9.08 [4]	27	25	34.7	Mer.	158	46	[4] One of three threads rejected; R. A. = $10^{s}.04$.
	7	47.12	1			9.65			33.0	Mu.	94	33	
3186	..	49.11	1	5	56	11.89	29	58	....	Mer.	162	42	
3187	8	49.11	1	5	56	17.36	28	29	37.6	Mu.	221	49	
	9	48.01	1			17.51			34.5 [5]	Mer.	218	36	[5] Decl. changed one rev. north.
3188	..	48.06	1	5	56	25.46	23	50	29.4	Mu.	156	34	
	9	48.06	1			25.60 [6]			30.6	Tr.	158	2	[6] R. A. increased one thread interval.
3189	..	49.11	1	5	56	34.03	30	1	1.3	Mer.	162	43	
3190	9	49.13	1	5	56	43.32	26	39	26.2	Mer.	163	40	
3191	9	47.95	1	5	56	45.29	28	19	15.1	Mer.	217	54	
3192	6	48.06	4	5	56	45.39	23	13	14.2	Mer.	220	63	
3193	7	48.06	1	5	56	55.44	22	44	27.7	Mer.	220	64	
3194	8	47.07	1	5	57	1.57	29	59	50.5	Mu.	88	48	
	6	49.11	1			2.10 [7]			52.4	Mer.	162	44	[7] R. A. decreased one thread interval.
3195	9	47.15	1	5	57	9.95 [8]	30	24	....	Mu.	95	8	[8] First three of four threads rejected, record doubtful.
3196	..	48.06	2	5	57	12.35	22	48	50.7	Mer.	220	65	
3197	4	49.13	4	5	57	12.68	26	17	14.3	Mer.	163	41	
	5	48.06	2			13.22			11.9	Mu.	157	23	
3198	8	47.95	1	5	57	21.93	28	11	20.4	Mer.	217	55	
3199	10	48.06	2	5	57	37.34 [9]	25	35	29.3	Mer.	221	45	[9] R. A. decreased 1 min. Separate threads give $36^{s}.97$, $37^{s}.72$.
	9	49.13	1			37.74			28.6	Mu.	227	40	
3200	8	49.11	2	5	57	46.81 [10]	28	54	33.6	Mu.	221	50	[10] Separate threads give $47^{s}.19$, $46^{s}.42$. If second thread be increased 1 sec.; R. A. = $47^{s}.31$.
	9	48.01	3			47.51 [11]			33.4	Mer.	218	37	
3201	10	47.09	2	5	57	54.10	30	53	11.6	Mer.	83	76	
3202	10	49.13	3	5	58	6.49	31	0	52.6	Mu.	226	26	[11] If one thread, R. A. = $47^{s}.92$, be rejected the remaining two threads give $47^{s}.31$.
3203	9	49.14	2	5	58	18.72	29	20	4.1 [12]	Mu.	230	7	
	7	49.11	4			18.98			2.8	Mer.	161	43	[12] Decl. changed ten rev. north.
	8	49.06	4			19.06			4.8 [13]	Mu.	216	25	[13] Decl. changed ten rev. north.
3204	8	49.11	2	5	58	40.16	29	37	43.7	Mer.	162	45	
3205	6	49.11	1	5	58	47.44	28	36	40.7	Mu.	221	51	
	8	48.01	2			47.65			40.2	Mer.	218	38	
3206	6	47.95	3	5	58	49.28	28	3	13.4 [14]	Mer.	217	56	[14] Decl. changed one rev. north.
3207	10	48.06	2	5	58	50. .. [15]	25	16	12.6	Mer.	221	46	[15] Separate threads give $51^{s}.11$, $50^{s}.05$.
3208	10	49.13	2	5	58	57. .. [16]	31	6	12.4	Mu.	226	27	[16] Separate threads give $57^{s}.74$, $56^{s}.91$.
3209	9	49.18	1	5	59	1.31	33	56	2.2	Mer.	167	2	
3210	9	49.18	1	5	59	5.25	34	2	59.7	Mer.	167	1	
3211	9	47.12	1	5	59	32.16	27	10	60.3	Mu.	94	34	
	8	47.10	2			32.41			58.7	Mer.	84	17	
	7	48.96	1			32.52			63.3	Mer.	158	47	
3212	8	48.01	2	5	59	32.53	28	39	56.1	Mer.	218	39 [17]	[17] Gou gives two stars, differing by $0^{s}.03$ and 7″.0. Component not stated with either observation.
	..	49.11	1			33.42			55.0	Mu.	221	52 [17]	
3213	7	48.06	2	5	59	34.67	24	11	15.9	Tr.	158	3	
3214	8	48.06	5	5	59	43.61	22	38	25.9	Mer.	220	66	
3215	10	48.06	1	5	59	45.97	26	18	53.0	Mu.	157	24	
	8	49.13	3			46.15 [18]			48.9	Mer.	163	42	[18] R. A. increased one thread interval.
3216	7	49.18	1	5	59	59.95	33	29	31.0	Mer.	167	3	
3217	10	49.13	2	6	0	2.77	31	22	50.7	Mu.	226	28	
3218	5	48.06	2	6	0	16.49	23	5	48.8 [19]	Mer.	220	67	[19] "Micrometer reading doubtful."
3219	4	49.11	3	6	0	19.00	29	44	43.4	Mer.	162	46	
	4.5	47.07	7			19.11			41.0	Mu.	88	49	
	7	49.14	4			19.21			45.0	Mu.	230	8	
	4	49.11	5			19.26			44.4	Mer.	161	44	
3220	8	49.15	2	6	0	21.99 [20]	32	2	....	Tr.	217	1	[20] Separate threads give $21^{s}.61$, $22^{s}.36$.
3221	7	47.95	1	6	0	22.52	27	53	40.1	Mer.	217	57	
3222	7	48.06	1	6	0	25.12	23	31	41.0	Mu.	156	35	
	8	48.06	2			25.29			40.6	Tr.	158	4	
3223	10	48.08	1	6	0	31.41	25	47	39.0	Tr.	160	11	
3224	9	48.06	3	6	0	31.68	25	53	7.1	Mer.	221	47	
	9	48.08	2			31.92			13.9	Tr.	160	10	
3225	8	47.95	1	6	0	31.77	28	6	6.8	Mer.	217	58	
3226	8	48.06	3	6	0	36.24	23	4	44.3 [21]	Mer.	220	68	[21] "Micrometer reading doubtful."
3227	6	49.14	4	6	0	36.87	21	47	52.4	Mer.	164	1	
3228	7	49.11	1	6	0	39.35	28	26	39.2	Mu.	221	53	
	8	48.05	1			39.41			43.0	Mer.	219	45	
3229	10	49.14	1	6	0	49.32	29	36	1.4 [22]	Mu.	230	9	[22] Decl. changed one rev. north.
	9	49.11	2			49.37			1.2	Mer.	161	45	
3230	9	48.06	1	6	0	54.79	23	29	51.8	Tr.	158	5	
	8	48.06	1			55.57			52.1	Mu.	156	36	
3231	8	48.05	2	6	1	3.03	28	30	17.4 [23]	Mer.	219	46	[23] Decl. changed one wire interval south.
3232	..	47.95	1	6	1	5.50	28	0	55.7	Mer.	217	59	
3233	7.8	49.13	3	6	1	6.93	31	24	8.9	Mu.	226	29	
	7.8	49.15	1			7.25			10.5	Mu.	232	1	
	8	49.06	1			7.56			6.6	Mer.	159	37	
3234	..	47.95	1	6	1	8.87	28	10	11.8 [24]	Mer.	217	60	[24] Decl. changed one rev. north.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
3235	10	49.13	1	6	1	14.64	31	30	2.6	Mu.	226	30	
	9	49.15	1			14.93[1]			0.0	Mu.	232	2	[1] R. A. decreased one thread interval.
3236	8	48.91	3	6	1	15.57	29	6	29.1	Mu.	211	1	
	8	48.01	2			15.65			29.2	Mer.	218	40	
3237	10	48.06	3	6	1	20.82[2]	25	51	43.6	Mer.	221	48	[2] One thread decreased 20 sec.
3238	8	49.15	2	6	1	32.25	31	52	....	Tr.	217	2	
3239	9	49.13	3	6	1	36.24	26	36	12.9	Mer.	163	43	
3240	7	49.15	5	6	1	43.51	30	36	36.5	Mer.	165	1	
	8.9	47.15	5			43.61[3]			37.6	Mu.	95	9	[3] R. A. increased 10 sec.
	9	47.09	4			43.69			40.0	Mer.	83	77	
3241	9	48.06	2	6	1	43.57	23	36	7.9	Tr.	158	6	
3242	8	48.06	2	6	2	2.87	25	23	58.3[4]	Mer.	221	49	[4] Decl. changed four wire intervals north.
	8	48.08	2			3.03			54.8	Tr.	160	12	
3243	8	47.95	1	6	2	11.97[5]	28	23	26.7	Mer.	217	61	[5] R. A. increased 10 sec.
	8	48.05	1			12.23			26.4	Mer.	219	47	
	9	48.91	1			12.44			25.2[6]	Mu.	211	2	[6] Decl. changed one rev. north.
3244	8	49.11	1	6	2	25.42	28	41	45.4	Mu.	221	54	
3245	7	49.18	3	6	2	28.00	33	34	36.0	Mer.	167	4	
3246	9	48.06	1	6	2	34.93	23	45	18.1	Tr.	158	7	
	8	48.06	1			34.96			21.6	Mu.	156	37	
3247	8	49.06	1	6	2	36.06	31	20	35.3	Mer.	159	38	
	9.10	49.13	1			36.39[7]			36.5	Mu.	226	31	[7] R. A increased one thread interval.
3248	10	49.15	1	6	2	53.76	30	29	40.8	Mer.	165	2	
3249	..	47.95	1	6	2	57.89	28	15	30.6	Mer.	217	62	
3250	9	47.12	1	6	3	4.60[8]	27	40	16.4	Mu.	94	35	[8] R. A. increased 1 min.
	9	47.10	3			4.65			17.6	Mer.	84	18	
3251	8	49.11	3	6	3	6.55	29	23	21.9	Mer.	161	46	
3252	9	48.06	1	6	3	12.77	23	32	32.8	Tr.	158	8	
3253	9	49.14	1	6	3	18.41	22	17	10.8	Mer.	164	2	
3254	7	49.14	3	6	3	21.94	22	5	44.8[9]	Mer.	164	3	[9] Decl. changed one wire interval north.
3255	6	48.06	3	6	3	29.77	22	45	13.4	Mer.	220	69	
3256	8	49.15	2	6	3	44.06	31	50	....	Tr.	217	3	
3257	..	49.13	4	6	3	47.37	26	40	39.3	Mer.	163	44	
	7	48.06	1			47.40			34.2	Mu.	157	25	
3258	8	49.15	2	6	3	48...[10]	30	59	59.8	Mu.	232	3	[10] Separate threads give 49^s.57, 48^s.77.
	8	47.09	3			48.69			58.6	Mer.	83	78	
	8	49.15	1			49.01			57.3	Mer.	165	3	
	5	49.06	1			49.05			56.7	Mer.	159	40	
	8.9	47.15	3			49.52			60.6	Mu.	95	10	
	9	49.13	2			49.61			58.9	Mu.	226	32	
3259	..	48.06	3	6	3	51.82	25	36	7.6	Mer.	221	50	
	9	48.08	1			51.87			6.4	Tr.	160	13	
3260	9.10	49.14	3	6	3	57.49	29	26	6.5	Mu.	230	10	
	7	49.11	2			57.63			6.9	Mer.	161	47	
3261	9	49.15	2	6	3	59.13	32	2	....	Tr.	217	4	
3262	8	49.18	4	6	4	13.39	34	9	17.9	Mer.	167	5	
3263	8	48.06	1	6	4	14.36	25	27	25.6	Mer.	221	51	
3264	7	49.14	1	6	4	15.46	21	47	58.0[11]	Mer.	164	4	[11] Decl. changed one wire interval north. CiZ gives 48′ 54″ (1886). Equatorial comparison with Gou 7302 gives 49′ 31″ (1910). Proper motion.
3265	8	48.06	1	6	4	17.18	25	36	20.0	Mer.	221	52	
	9	48.08	1			17.24			19.4	Tr.	160	14	
3266	10	48.06	1	6	4	18.24	23	10	3.9	Mer.	220	70	
3267	9	48.05	1	6	4	19.00	28	8	23.2[12]	Mer.	219	48	[12] Decl. changed ten rev. south.
	8	47.95	2			19.80			26.3[13]	Mer.	217	63	[13] Decl. changed one rev. north.
3268	7	49.11	1	6	4	21.33	29	47	34.4	Mer.	161	48	
	7	47.07	5			21.34[14]			32.0	Mu.	88	50	[14] Two threads decreased one thread interval each.
	9	49.14	3			21.36			32.2	Mu.	230	11	
	8	49.11	4			21.59			32.7	Mer.	162	47	
3269	10	49.11	2	6	4	21.64	29	48	30.5	Mer.	162	48	
3270	8	49.15	1	6	4	25.59	30	52	58.1	Mer.	165	4	
	9	47.15	2			25.81[15]			60.8	Mu.	95	11	[15] One of three threads rejected, record uncertain, and one of the remaining two decreased 10 sec.
	9	49.13	1			25.97			59.7	Mu.	226	33	
	9	47.09	1			26.25			58.8	Mer.	83	79	
3271	8	49.06	3	6	4	36.28	31	21	44.9	Mer.	159	39	
	9	49.15	1			36.32			45.6	Mu.	232	4	
3272	4	47.12	3	6	4	36.48	27	7	28.3	Mu.	94	36	
3273	9	47.10	2	6	4	42.41	27	32	30.6	Mer.	84	19	
3274	9	47.09	1	6	4	47.72	30	46	22.8	Mer.	83	80	
	8	49.15	1			47.88			18.6	Mer.	165	5	
	9	47.15	2			47.93			20.4	Mu.	95	12	
3275	9	48.06	1	6	4	56.25	22	47	54.1	Mer.	220	71	
3276	8	49.11	1	6	5	3.70	28	26	46.8	Mu.	221	55	
	9.10	48.91	1			4.15			48.3	Mu.	211	3	
3277	7	48.05	2	6	5	12.20	26	27	7.8	Mu.	154	8	
	5	48.06	2			12.30			7.1	Mu.	157	26	
	5	49.13	5			12.56			7.3	Mer.	163	45	
3278	9	48.01	3	6	5	15.15	28	46	39.6	Mer.	218	41	
3279	7	49.11	1	6	5	15.92	28	34	3.2[16]	Mu.	221	56	[16] Decl. changed five rev. south.
	8	48.01	2			16.50[17]			9.8[18]	Mer.	218	42	[17] Separate threads give 16^s.88, 16^s.11.
	9	48.91	2			16.54			5.2	Mu.	211	4	[18] Decl. changed one wire interval and one rev. north.
3280	10	49.11	1	6	5	18.50	29	59	28.7	Mer.	162	49	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
3281	7	48.06	2	6	5	18.75	23	45	9.6	Mu.	156	38	
	8	48.06	2			18.88			6.6	Tr.	158	9	
3282	9	48.06	1	6	5	22.70	22	52	1.1	Mer.	220	72	
3283	10	49.15	1	6	5	23.91	31	27	37.8	Mu.	232	5	
3284	9	48.06	1	6	5	30.25	22	46	14.4	Mer.	220	73	
3285	8	48.05	4	6	5	41.79	27	53	54.1	Mer.	219	49	
	8	47.12	1			41.92			59.7	Mu.	94	38	
	7	47.10	1			41.96			54.0	Mer.	84	21	
	6	47.95	2			41.99			54.4	Mer.	217	64	
3286	7.8	47.12	1	6	5	43.61	27	11	52.3	Mu.	94	37	
	7.8	47.10	3			43.75			50.8	Mer.	84	20	
3287	8	49.13	1	6	5	46.46	26	42	1.0	Mer.	163	46	
3288	6	49.18	7	6	5	49.06	33	50	24.6	Mer.	167	6	
3289	10	49.13	1	6	5	54.93[1]	31	29	13.0	Mu.	226	34	[1] R. A. decreased one thread interval.
3290	10	48.08	2	6	5	58.50	25	41	16.0	Tr.	160	15	
	9	48.06	3			58.75			10.8	Mer.	221	53	
3291	7.8	48.06	2	6	6	4.69	26	0	59.7	Mer.	221	54	
3292	8	49.15	2	6	6	7.51	31	56	....	Tr.	217	5	
3293	8	49.14	1	6	6	13.77	22	20	46.4	Mer.	164	5	
3294	9	48.05	2	6	6	14.17	22	31	38.0	Mer.	118	1	
3295	8	48.06	1	6	6	16.86	23	26	15.5	Mu.	156	39	
3296	8	48.06	1	6	6	29.18	23	32	48.0	Mu.	156	40	
	9	48.06	2			29.50			46.6	Tr.	158	10	
3297	9.10	49.14	2	6	6	39.01	29	25	20.5	Mu.	230	12	
3298	..	49.15	3	6	6	39.42	30	26	46.9	Mer.	165	6	
	7	47.07	2			39.51			54.7	Mu.	88	51	
	8.9	47.09	2			39.63			51.7	Mer.	83	81	
	9	47.15	3			39.68			50.8	Mu.	95	13	
	8	49.11	1			39.75			53.8	Mer.	162	50	
3299	6	48.01	3	6	6	41.84	28	58	50.9[2]	Mer.	218	43	[2] Decl. changed one rev. north.
	8.9	49.14	2			42.00			49.9	Mu.	230	13	
3300	..	49.15	1	6	6	41.92	30	31	34.5	Mer.	165	7	
3301	9	48.05	2	6	6	43.16	22	6	4.2[3]	Mer.	118	2	[3] Decl. changed one wire interval north.
3302	7	47.10	1	6	6	45.57	27	41	24.1	Mer.	84	22[4]	[4] "Double; second and lower observed." (Inconsistent with Gou, Ya). Probably is Gou 7464 which precedes 7465 by $1^{s}.5$ and is 1′.1 north of it.
3303	8	48.06	1	6	6	56.45	25	57	18.8	Mer.	221	55	
3304	7	47.10	1	6	6	59.26	27	41	50.7	Mer.	84	23	
3305	9	49.15	2	6	7	3.07	32	11	....	Tr.	217	6	
3306	10	48.06	1	6	7	3.67	25	46	11.9	Mer.	221	56	
3307	6	49.11	2	6	7	6. . .[5]	28	25	39.6	Mu.	221	57	[5] Separate threads give $7^{s}.14$, $6^{s}.27$.
	8.9	48.91	2			6.89			41.1	Mu.	211	5	
	6	47.95	4			7.04			41.7	Mer.	217	65	
	7	48.05	4			7.07			39.0	Mer.	219	50	
3308	8	47.95	1	6	7	17.06	28	5	32.5	Mer.	217	66	
3309	8	48.06	2	6	7	18.29	22	59	51.0[6]	Mer.	220	74	[6] Decl. changed one wire interval north.
3310	9.10	47.09	2	6	7	22.14	30	31	59.5	Mer.	83	82	
	9	47.15	2			22.27			63.2	Mu.	95	14	
	..	49.15	1			22.40			62.3	Mer.	165	8	
3311	9	49.14	1	6	7	24.23	29	23	55.3	Mu.	230	14	
3312	8	49.11	4	6	7	28.94	30	2	55.6	Mer.	162	51	
	7	47.07	3			29.02			56.7	Mu.	88	52	
3313	6	48.06	1	6	7	33.39	23	49	38.4	Mu.	156	41	
	7	48.06	3			33.48			38.5	Tr.	158	11	
	7	48.05	1			33.52			41.0	Tr.	154	1	
3314	..	48.06	1	6	7	41.66	25	48	24.6	Mer.	221	57	
3315	8	48.01	3	6	7	43.00	28	49	49.2	Mer.	218	44	
3316	7.8	49.14	..	6	7	45. . .	29	21	24.6	Mu.	230	15	
	4	49.11	1			45.60			24.8	Mer.	161	49	
3317	8	49.11	1	6	7	48.07	29	51	35.0	Mer.	162	52	
3318	8	49.06	3	6	8	8.19	30	58	2.3	Mer.	159	41	
	10	49.13	1			8.69			4.9	Mu.	226	35	
	10	49.15	1			9.03			2.9	Mu.	232	6	
3319	8	49.13	2	6	8	15.37	26	7	20.9	Mer.	163	47	
	9	48.05	2			15.62			21.8	Mu.	154	9	
	8	48.06	1			16.40			22.6	Mu.	157	27	
3320	8	49.14	3	6	8	16.08[7]	22	10	43.1	Mer.	164	6	[7] One of four threads rejected; R. A. = $15^{s}.33$.
3321	9	48.06	1	6	8	21.80	23	41	19.5	Tr.	158	12	
3322	7	49.11	1	6	8	29.67	28	28	48.1	Mu.	221	58	
	8	47.95	1			29.73			51.1	Mer.	217	67	
	8	48.05	3			29.85[8]			46.9	Mer.	219	51	[8] R. A. decreased 10 sec.
3323	10	48.05	1	6	8	34.36[9]	26	9	37.4	Mu.	154	10	[9] R. A. decreased 1 min. and increased 10 sec.
	8	49.13	1			34.37			44.0[10]	Mer.	163	48	[10] If micrometer reading be assumed as 32.542 instead of 32.342 rev., as recorded, Decl. = 37″.1.
	9	48.06	1			34.57			33.8	Mu.	157	28	
3324	7	48.01	1	6	8	35.68	28	36	10.3	Mer.	218	45	
	6	49.11	1			35.87			7.5	Mu.	221	59	
3325	10	48.06	1	6	8	41.92	24	3	13.7	Tr.	158	13	
3326	6	49.11	1	6	8	42.96	29	33	42.6	Mer.	161	50	
3327	9	48.06	2	6	8	48.22	25	49	59.7	Mer.	221	58	
	9	48.08	2			48.89			63.3	Tr.	160	16	
3328	9	48.06	2	6	8	56.37	23	3	53.4	Mer.	220	75	
3329	8	48.01	2	6	9	3.09	28	41	48.4	Mer.	218	46	
	6	49.11	1			3.36			50.3	Mu.	221	60	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
3330	9	49.11	2	6	9	3.17	30	7	38.4	Mer.	162	53	
3331	8	48.05	2	6	9	6.95	28	9	58.8	Mer.	219	52	
	8	47.18	1			7.00			58.0	Mu.	98	1	
	7	47.95	1			7.10			56.3	Mer.	217	68	
3332	4	49.11	1	6	9	12.91	29	19	11.9	Mer.	161	51	
	8	49.14	2			13.32			14.7	Mu.	230	16	
3333	8	47.15	4	6	9	13.92	30	48	36.4 [1]	Mu.	95	15	[1] Decl. changed one rev. south.
	6	49.15	4			13.93			33.1	Mer.	165	9	
	7.8	47.09	3			13.96			31.1	Mer.	83	83	
3334	8	49.14	3	6	9	22.06	22	8	49.0	Mer.	164	7	
3335	10	48.05	3	6	9	40.85 [2]	22	41	44.0	Mer.	118	3	[2] R. A. increased 1 min.
3336	8	48.06	2	6	9	45.12	23	6	33.3	Mer.	220	76	
3337	8	47.95	1	6	9	49.03	28	15	19.1	Mer.	217	69	
3338	7.8	47.10	4	6	10	5.10	27	27	38.3	Mer.	84	24	
	8.7	47.12	2			5.57 [3]			40.5	Mu.	94	39	[3] One thread increased one thread interval.
3339	9	49.13	2	6	10	7.14	26	24	14.8	Mer.	163	49	
3340	6	49.11	2	6	10	10.60	29	44	27.9	Mer.	162	54	
	7	49.11	2			10.73			31.3	Mer.	161	52	
	7	47.07	4			10.75			28.0	Mu.	88	53	
	7.8	49.14	2			10.88			27.6	Mu.	230	17	
3341	10	49.06	1	6	10	15. . .	26	32	3.5	Tr.	210	1	
	9	49.13	1			16.10			3.2	Mer.	163	50	
3342	8	47.95	1	6	10	22.38	28	6	45.5	Mer.	217	70	
	9	47.18	1			22.55			51.2	Mu.	98	2	
	10	48.05	1			22.95			49.7	Mer.	219	53	
3343	5	48.06	1	6	10	44.59	22	39	16.7	Mer.	220	77	
	8	48.05	2			45.08			12.5	Mer.	118	4	
3344	8	49.18	4	6	10	47.23	34	0	19.8	Mer.	167	7	
3345	8	48.06	3	6	10	48.49	25	27	50.8	Mer.	221	59	
	10	48.08	2			48.58			50.2	Tr.	160	17	
3346	8	49.14	3	6	10	49.24	22	19	23.4	Mer.	164	8	
3347	9	48.01	3	6	10	56.44	28	53	3.9 [4]	Mer.	218	47	[4] Decl. changed one rev. north.
	7	49.11	2			56.46			1.0	Mu.	221	61	
3348	8	49.14	1	6	10	57.11	21	41	29.6	Mer.	164	9	
3349	6	48.06	1	6	11	0.73	24	1	19.5	Mu.	156	42	
	7.8	48.06	2			1.04			18.6	Tr.	158	14	
	7	48.05	3			1.19			20.0	Tr.	154	2	
3350	9	48.06	1	6	11	1.15	23	54	2.1	Tr.	158	15	
3351	9.10	49.13	3	6	11	8.34	31	36	47.8	Mu.	226	36	
	9	49.06	2			8.54 [5]			48.3	Mer.	159	42	[5] One of three threads rejected; R. A.$=7^{s}.64$.
3352	8	49.11	4	6	11	10.17 [6]	29	49	18.3	Mer.	162	55	[6] Minute assumed.
	8.9	47.07	1			10.61			19.1	Mu.	88	54	
3353	9	49.13	3	6	11	11.68	31	31	10.8	Mu.	226	37	
	7	49.15	2			12.13 [7]			13.3	Mu.	232	7	[7] One of three threads rejected; R. A.$=10^{s}.80$.
	9	49.15	2			12.25			. . . .	Tr.	217	7	
	8	49.06	2			12.36 [8]			8.8	Mer.	159	43	[8] One of three threads rejected; R. A.$=11^{s}.62$.
3354	8	47.12	1	6	11	13.20	27	21	34.3	Mu.	94	40	
3355	8	49.06	2	6	11	15. . .	26	52	51.2	Tr.	210	2	
3356	8	49.14	2	6	11	18.76	21	42	14.4	Mer.	164	10	
3357	8	48.06	1	6	11	19.56 [9]	23	28	32.6	Mu.	156	43	[9] R. A. increased one thread interval.
3358	8	49.13	1	6	11	25.27	25	58	15.4	Mer.	163	51	
	9	48.06	2			25.61			19.2	Mer.	221	60	
	10	48.05	1			25.97			16.2	Mu.	154	11	
	9	48.06	1			26.12			15.8	Mu.	157	29	
3359	10	48.06	2	6	11	34.04	23	10	21.1	Mer.	220	78	
3360	8	49.18	3	6	12	1.06	33	38	49.8	Mer.	167	8	
3361	10	49.18	2	6	12	8.76	33	39	47.4	Mer.	167	9	
3362	8	47.15	4	6	12	10.74	30	57	16.9	Mu.	95	16	
	7	49.15	4			10.80			14.1	Mer.	165	10	
	7	49.15	2			10.87			16.0	Mu.	232	8	
	6.7	47.09	5			10.96			14.1	Mer.	83	84	
	8.9	49.13	2			11.00			18.7	Mu.	226	38	
	8	49.13	2			11.09			14.4	Mu.	228	1	
3363	8	47.07	2	6	12	11. . . [10]	29	47	43.1	Mu.	88	55	[10] Separate threads give $12^{s}.61$, $10^{s}.86$.
	8	49.11	2			11.32			39.7 [11]	Mer.	162	56	[11] Decl. changed one rev. south.
3364	8	47.10	3	6	12	13.07	27	10	48.7	Mer.	84	25	
3365	7	49.11	1	6	12	22.42	29	7	39.4	Mer.	161	53	
	10	49.14	2			22.60			37.0	Mu.	230	18	
	8	49.11	1			22.94			38.6	Mu.	221	62	
3366	9	48.01	2	6	12	23.36	28	55	17.6 [12]	Mer.	218	48	[12] Decl. changed one rev. north.
3367	9	49.14	1	6	12	24.60	21	54	54.4	Mer.	164	11	
3368	8	47.95	3	6	12	34.86	28	11	7.1	Mer.	217	71	
3369	8	49.14	1	6	12	38.04	21	58	41.1	Mer.	164	12	
3370	9	48.05	1	6	12	42.44 [13]	28	7	17.5	Mer.	219	54	[13] R. A. increased 1 min.
3371	8	47.95	2	6	12	43.25	28	18	12.2	Mer.	217	72	
3372	10	48.06	1	6	12	43.53	26	16	10.4	Mu.	157	30	
3373	7	49.11	2	6	12	44.54	29	18	37.5	Mer.	161	54	
	10	49.14	1			44.85 [14]			40.8 [15]	Mu.	230	19	[14] R. A. decreased one thread interval.
3374	10	48.06	3	6	12	45.99	25	42	2.5	Mer.	221	61	[15] Decl. changed ten rev. north.
3375	9	48.05	2	6	12	48.80	23	28	36.1	Tr.	154	3	
	8	48.06	2			49.19			32.5	Tr.	158	16	
	7	48.06	1			49.32			29.2	Mu.	156	44	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
3376	8	49.11	1	6	12	58.27	29	22	47.4	Mer.	161	55	
3377	8	48.05	1	6	12	58.46[1]	28	4	8.8	Mer.	219	55	[1] R. A. increased 1 min.
	8	47.18	3			58.56			8.6	Mu.	98	3	
	7	47.95	1			58.64[2]			5.4	Mer.	217	73	[2] R. A. decreased two thread intervals.
3378	10	48.05	2	6	13	7.78	22	17	19.0	Mer.	118	5	
3379	..	48.01	1	6	13	10.68	28	53	14.6	Mer.	218	49	
	8	49.11	1			10.78			7.4	Mu.	221	63	
3380	7	47.10	1	6	13	13.77	27	7	19.8	Mer.	84	26	
3381	10	49.15	2	6	13	18.23[3]	32	8	....	Tr.	217	8	[3] R. A. increased 10 sec.
3382	6	49.14	1	6	13	18.51	22	2	35.5[4]	Mer.	164	13	[4] Decl. changed four rev. north.
3383	..	48.01	1	6	13	20.06[5]	28	57	20.7	Mer.	218	50	[5] R. A. increased 1 min.
	7	49.11	1			20.31			20.5	Mu.	221	64	
3384	7	48.06	2	6	13	28.19	22	36	49.4	Mer.	220	79	
	10	48.05	2			28.36			55.9	Mer.	118	6	
3385	8	49.06	1	6	13	40. . .	26	55	16.7	Tr.	210	3	
3386	7	48.06	1	6	13	41.85	25	20	39.9	Mer.	221	62	
3387	8	47.10	1	6	13	48.66[6]	27	9	56.6	Mer.	84	27	[6] R. A. decreased one thread interval.
3388	6	48.06	2	6	13	49.96	23	2	37.2	Mer.	220	80	
3389	7	48.06	1	6	13	50.00	23	42	62.0	Mu.	156	45	
	9	48.06	2			50.13			55.7	Tr.	158	17	
3390	9.10	47.09	3	6	14	17.12	30	23	28.9	Mer.	83	85	
	9	47.15	1			17.15			32.8	Mu.	95	17	
	9	49.15	3			17.22			28.3	Mer.	165	11	
3391	7	48.06	2	6	14	21.53	23	34	16.8	Mu.	156	46	
	7	48.05	2			21.84			14.1[7]	Tr.	154	4	[7] Decl. changed one wire interval south.
	7	48.06	2			21.88			15.0	Tr.	158	18	
3392	8	47.07	3	6	14	27.66	29	57	18.2	Mu.	88	56	
	7	49.11	2			28.25			19.4	Mer.	162	57	
3393	8	49.11	2	6	14	31.31	29	33	2.4[8]	Mer.	161	56.	[8] Decl. changed one wire interval north.
	9	49.14	2			31.78			3.2	Mu.	230	20	
3394	8	49.15	3	6	14	32.71	31	39	60.9	Mu.	232	9	
	9	49.13	2			32.90			62.6	Mu.	226	39	
	8	49.06	5			32.97			59.6	Mer.	159	44	
	7	49.13	2			32.97			61.9	Mu.	228	2	
	9	49.15	2			33.02			....	Tr.	217	9	
3395	2	49.11	5	6	14	33.25	30	0	1.7	Mer.	162	58	
	2.3	47.07	6			33.47			0.4	Mu.	88	57	
3396	8	47.10	2	6	14	40.76	27	20	13.8	Mer.	84	28	
3397	9	48.05	2	6	14	49.10	22	16	35.8	Mer.	118	7	
	8	49.14	2			49.38			33.0[9]	Mer.	164	14	[9] Decl. changed one rev. south.
3398	9	48.06	2	6	14	57.82	25	33	43.3	Mer.	221	63	
3399	8	47.09	5	6	15	7.42	30	34	15.1	Mer.	83	86	
	8	47.15	3			7.45			15.8	Mu.	95	18	
	6	49.15	4			7.70			12.4	Mer.	165	12	
3400	6	49.11	1	6	15	8.60	29	36	6.5	Mer.	161	57	
	8.9	49.14	2			8.75[10]			6.5	Mu.	230	21	[10] Separate threads give 8ˢ.40, 9ˢ.11.
3401	5	49.18	4	6	15	10.68	34	4	48.9	Mer.	167	10	
3402	8	48.06	2	6	15	12.91	26	25	23.2[11]	Mu.	157	31	[11] Decl. changed five rev. south.
	9	48.05	1			14.22			26.3	Mu.	154	12	
3403	8	49.14	1	6	15	13.33	22	8	14.1	Mer.	164	15	
3404	8	49.18	1	6	15	18.90	33	31	6.4	Mer.	167	11	
3405	6.7	48.06	2	6	15	33.63	25	16	54.4	Mer.	221	64	
3406	9	48.06	1	6	15	34.86[12]	23	4	59.0	Mer.	220	81	[12] R. A. decreased two thread intervals.
3407	8.9	48.91	1	6	15	41.70	29	5	4.4	Mu.	211	6	
	7	49.11	3			41.72[13]			5.2	Mu.	221	65	[13] R. A. decreased 1 min.
	8	48.01	3			41.80			4.2	Mer.	218	51	
	9	49.14	1			42.57[14]			3.8	Mu.	230	22	[14] "Time of transit doubtful."
3408	7.8	47.10	1	6	15	46.48	27	26	13.7	Mer.	84	29	
	7	47.12	2			46.79			16.4	Mu.	94	41	
3409	8	48.05	1	6	15	56.38	26	18	2.6	Mu.	154	13	
3410	..	49.14	2	6	15	57.70	22	10	45.7	Mer.	164	16	
3411	9.10	48.05	3	6	16	9.23[15]	22	31	45.5	Mer.	118	8	[15] One of four threads rejected; R. A. = 10ˢ.05.
3412	8	48.05	2	6	16	9.72[16]	23	31	14.0	Tr.	154	5	[16] R. A. increased one thread interval.
	7	48.06	1			10.15			13.3	Mu.	156	47	
	7.8	48.06	2			10.30			13.7	Tr.	158	19	
3413	8	48.05	2	6	16	13.36	27	46	25.7	Mer.	219	56	
3414	..	49.14	3	6	16	17.46	22	12	7.9	Mer.	164	17	
3415	7	49.15	3	6	16	19.64	30	27	44.0[17]	Mer.	165	13	[17] If micrometer reading be assumed as 38.375 instead of 38.575 rev., as recorded, Decl. = 50″.9.
	8	47.15	3			19.96			52.7	Mu.	95	19	
	7.8	47.09	5			20.00			52.7	Mer.	83	87	
3416	9	49.18	2	6	16	25.29	33	52	34.0	Mer.	167	12	
3417	8	47.10	1	6	16	30.54[18]	27	37	47.0	Mer.	84	30	[18] R. A. decreased three thread intervals.
	8	47.12	1			30.74			34.6[19]	Mu.	94	42	[19] Micrometer reading 26.115 rev. This must be decreased .1 or .2 rev. to agree with Mer. 84, No. 30, Gou, and AW.
3418	8	48.91	2	6	16	32.10	29	47	15.0	Mer.	155	1	
	8	49.11	3			32.29			10.8	Mer.	162	59	
	8	49.11	1			32.31			17.8	Mer.	161	58	
	8	47.07	1			32.61			19.4	Mu.	88	58	
3419	9.10	47.15	2	6	16	43.17	30	26	34.8	Mu.	95	20	
	9	49.15	2			43.32			35.5	Mer.	165	14	
3420	10	49.15	2	6	16	44.16	31	41	....	Tr.	217	10	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
3421	8	48.05	2	6	16	44.75	27	46	33.8	Mer.	219	57	
3422	9	49.13	1	6	16	53.29	31	15	35.2	Mu.	228	3	
	8	49.06	5			53.41			31.6	Mer.	159	45	
	10	49.13	2.			53.73			34.1	Mu.	226	40	
3423	9	49.14	1	6	16	56.20	22	10	28.8	Mer.	164	18	
3424	8	49.18	3	6	17	3.38	33	47	54.8	Mer.	167	13	
3425	10	48.06	2	6	17	14.02	25	28	24.8	Mer.	221	65	
3426	8	48.05	1	6	17	23.41[1]	26	18	18.7	Mu.	154	14	[1] R. A. decreased one thread interval.
	7	48.06	1			23.45			18.0[2]	Mu.	157	32	[2] Decl. changed one rev. north.
3427	7	49.18	1	6	17	25.20	33	32	27.2	Mer.	167	14	
3428	8	48.06	1	6	17	26.39	23	7	48.9	Mer.	220	82	
3429	9	47.95	1	6	17	29.18	28	12	20.4	Mer.	217	74	
3430	7.8	47.09	4	6	17	34.44	30	52	15.3	Mer.	83	88	
	6	49.15	3			34.65			15.2	Mer.	165	15	
3431	6	49.13	2	6	17	37.58[3]	31	42	57.7	Mu.	228	4	[3] R. A. decreased one thread interval.
	8	49.13	3			37.69			54.8	Mu.	226	41	
	5	49.06	1			37.89			....	Mer.	159	46	
	6	49.15	2			37.96			56.4	Mu.	232	10	
	7	49.15	2			38.04			....	Tr.	217	11	
3432	7	49.11	3	6	17	39.78	29	56	31.7	Mer.	162	60	
	8	47.07	1			39.84[4]			30.0	Mu.	88	60	[4] R. A. increased 1 min.
3433	6	49.11	2	6	17	42.77	29	47	11.2	Mer.	162	61	
	8	47.07	2			43.19			7.0	Mu.	88	59	
	8	48.91	3			43.24			7.6	Mer.	155	2	
	8.9	49.14	1			43.34			11.8	Mu.	230	24	
	6	49.11	2			43.56			9.0	Mer.	161	59	
3434	7	49.11	1	6	17	43.94[5]	29	11	47.8	Mer.	161	60	[5] R. A. decreased one thread interval.
	9	49.14	2			43.99			46.0	Mu.	230	23	
	7	48.01	3			44.02			45.8[6]	Mer.	218	52	[6] Decl. changed one rev. south.
	8	49.11	2			44.10			45.0	Mu.	221	66	
	8	48.91	1			44.18			49.0	Mer.	155	3	
3435	5.6	48.06	3	6	17	50.44	25	30	0.7	Mer.	221	66	
3436	6	48.06	1	6	18	11.35	26	22	4.7	Mu.	157	33	
	8	48.05	1			13.33			14.5	Mu.	154	15[7]	[7] Gou gives 11^{s}.3, 4″. AW gives 11^{s}.1, 3″.
3437	8	49.18	2	6	18	18.54	33	28	39.2	Mer.	167	15	
3438	8	48.06	2	6	18	25.77	25	24	47.1[8]	Mer.	221	67	[8] Decl. changed ten rev. south.
3439	7.8	47.10	1	6	18	26.01	27	14	35.2	Mer.	84	32	
	8.7	47.12	2			26.38			34.0	Mu.	94	43	
3440	7	47.10	1	6	18	26.53	27	56	46.0	Mer.	84	31	
	8	48.05	2			26.60[9]			51.8	Mer.	219	58	[9] "Double, following observed." One of three threads rejected; R. A.=25^{s}.71.
	8	47.18	4			26.66			47.8	Mu.	98	4	
3441	10	49.15	1	6	18	35.28	31	4	53.6	Mer.	165	16	
	9.10	47.09	2			35.81			54.6	Mer.	83	89	
3442	9	48.06	2	6	18	35.84	24	4	55.2	Tr.	158	20	
	9	48.05	2			36.12			60.4	Tr.	154	6	
3443	7	49.14	2	6	18	42.07	21	52	45.1	Mer.	164	19	
3444	9.10	48.05	4	6	18	52.90	22	29	22.8	Mer.	118	9	
3445	5	49.11	2	6	18	54. . .[10]	28	41	42.4	Mu.	221	67	[10] Separate threads give 55^{s}.00, 54^{s}.20.
	3.4	48.01	2			54.32			45.5	Mer.	218	53	
3446	9	48.06	2	6	19	3.64	25	36	47.1	Mer.	221	68	
3447	9	49.15	1	6	19	9.29[11]	31	45	....	Tr.	217	12	[11] R. A. decreased one thread interval.
3448	9	48.06	1	6	19	9.92	24	1	42.1	Tr.	158	21	
	9.10	49.07	1			9.98			46.1	Mu.	220	1	
3449	8	49.11	1	6	19	15.26	28	37	1.2	Mu.	221	68	
3450	8	48.06	3	6	19	15.61[12]	22	50	49.5	Mer.	220	83	[12] Two threads decreased 30 sec. each.
3451	8	49.18	1	6	19	24.28	34	1	54.9	Mer.	167	16	
3452	9	49.15	1	6	19	36.65	31	28	46.4	Mu.	232	11	
	8.9	49.06	4			36.86			46.4	Mer.	159	47	
	7	49.13	1			37.29			47.1	Mu.	228	5	
3453	9	47.15	3	6	19	38.57	30	47	57.8	Mu.	95	21	
	9	49.15	1			38.59			55.9	Mer.	165	17	
3454	9	47.09	3	6	19	45.45	31	4	12.2	Mer.	83	90	
	9	49.13	2			45.60[13]			11.0	Mu.	226	42	[13] Separate threads give 45^{s}.99, 45^{s}.21.
3455	8	49.14	3	6	19	53.25	29	37	12.0	Mu.	230	25	
	8	49.06	2			53.28			11.8[14]	Mu.	217	1	[14] Decl. changed one rev. south.
	7	49.11	4			53.31[15]			13.5	Mer.	162	62	[15] R. A. decreased 1 min.
	7	48.91	3			53.35			12.2	Mer.	155	4	
	5	49.11	3			53.36			10.7	Mer.	161	61	
	7	47.07	2			53.52			11.1	Mu.	88	61	
3456	9.10	49.07	1	6	19	58.05	23	47	23.6	Mu.	220	2	
3457	8	49.13	1	6	19	58.85	31	23	49.8	Mu.	226	43	
	8.7	49.15	1			58.87			48.3	Mu.	232	12	
	6	49.13	2			59. . .[16]			49.4	Mu.	228	6	[16] Separate threads give 59^{s}.99, 59^{s}.13.
	8	49.06	2			59.09			49.2	Mer.	159	48	
3458	9	48.06	2	6	20	5.99[17]	25	35	45.8	Mer.	221	69	[17] Separate threads give 6^{s}.36, 5^{s}.62.
3459	8	48.06	2	6	20	15.10	22	49	2.9	Mer.	220	84	
3460	10	48.05	2	6	20	19.79	22	34	29.8	Mer.	118	10	
3461	9	48.06	1	6	20	21.00	26	12	45.8	Mu.	157	34	
3462	7	49.14	2	6	20	27.73	21	50	8.4	Mer.	164	20	
3463	9	48.05	1	6	20	29.33	26	1	13.2	Mu.	154	16	[18] If micrometer reading be assumed as 44.652 instead of 44.952 rev., as recorded, Decl. = 40″.3.
3464	10	48.01	1	6	20	34.10	29	2	30.0[18]	Mer.	218	54	
	8	48.91	1			34.58			42.6	Mer.	155	5	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
3465	8	48.01	1	6	20	47.41	28	44	26.1	Mer.	218	55	
	9	49.11	2			47.47			25.5[1]	Mu.	221	69	[1] Decl. changed ten rev. north.
3466	8	48.06	1	6	20	56.39	22	46	45.2	Mer.	220	85	
3467	9	48.06	2	6	20	56.43	23	59	51.0	Tr.	158	22	
	10	48.05	2			56.53			52.3	Tr.	154	7	
3468	9	48.06	1	6	20	58.34	24	9	8.8	Tr.	158	23	
3469	8	48.91	3	6	20	58.52	29	20	57.0	Mer.	155	6	
3470	9	49.18	1	6	21	6.05	33	44	15.9	Mer.	167	17	
3471	6	49.14	3	6	21	8.04[2]	22	2	10.9	Mer.	164	21	[2] One thread decreased one thread interval.
3472	5	48.06	2	6	21	9.16	25	45	34.9	Mer.	221	70	
3473	8	49.15	2	6	21	12.56	31	47	....	Tr.	217	13	
3474	8	48.06	1	6	21	19.06	25	39	2.8	Mer	221	71	
3475	9	48.91	3	6	21	22.04	28	22	35.2[3]	Mu.	211	7	[3] Decl. changed five rev. north.
	8	47.18	3			22.11			35.6	Mu.	98	5	
	8	48.05	3			22.23[4]			38.0	Mer.	219	59	[4] One of four threads rejected; R. A.=$23^{\mathrm{s}}.10$.
	8	47.95	3			22.54			37.9[5]	Mer.	217	75	[5] Decl. changed one rev. north.
3476	9	48.05	1	6	21	28.36[6]	25	59	20.3	Mu.	154	17	[6] R. A. increased one thread interval.
	10	48.06	1			28.62			14.6	Mu.	157	35	
3477	6	49.11	1	6	21	29.39	29	13	4.7	Mer.	161	62	
3478	9	48.06	1	6	21	30.73	23	42	11.2	Tr.	158	24	
	9.10	49.07	4			31.04			11.7	Mu.	220	3	
	9	48.06	2			31.10			12.5	Mu.	156	48	
3479	9	47.09	1	6	21	35.23	30	47	16.8	Mer.	83	91	
3480	9	48.91	1	6	21	36.75	29	41	7.4	Mer.	155	7	
3481	9	47.15	2	6	21	37...[7]	30	42	37.9	Mu.	95	22	[7] Separate threads give $36^{\mathrm{s}}.60$, $37^{\mathrm{s}}.94$.
	10	49.15	2			37.50			35.3	Mer.	165	18	
	9	47.09	1			37.87			39.0	Mer.	83	92	
3482	8	48.06	1	6	21	38.31	25	45	0.0	Mer.	221	72	
3483	9	47.10	3	6	21	41.24	27	47	23.2	Mer.	84	33	
3484	6	49.14	2	6	21	52.07[8]	21	54	49.2	Mer.	164	22	[8] R. A. increased 20 sec.
3485	9	49.06	2	6	22	6.77[9]	29	58	8.7[10]	Mu.	217	2	[9] One of three threads rejected; R. A.=$5^{\mathrm{s}}.69$.
	8	49.11	3			6.78			8.4[11]	Mer.	162	63	[10] Decl. changed ten rev. north.
	9	47.12	4			6.78			9.9	Mu.	92	1	[11] Decl. changed one wire interval south.
	8	47.07	2			7.45			8.6	Mu.	88	62	
3486	11	48.06	1	6	22	10.13	22	35	34.3	Mer.	220	86	
3487	9	47.95	1	6	22	20.14	28	9	50.3	Mer.	217	76	
3488	9	49.15	1	6	22	28.50[12]	30	29	22.0	Mer.	166	19	[12] R. A. decreased one thread interval.
3489	9	47.12	2	6	22	35...[13]	27	42	30.3	Mu.	94	44	[13] Separate threads give $34^{\mathrm{s}}.89$, $36^{\mathrm{s}}.15$.
	9	47.10	2			35.75			30.7	Mer.	84	34	
3490	9	49.11	1	6	22	46.10	29	11	44.3	Mer.	161	63	
	9	48.91	2			46.35			45.6	Mer.	155	8	
	10	49.14	2			46.36			43.5	Mu.	230	26	
3491	9	47.10	1	6	22	47.12	27	33	58.9	Mer.	84	35	
3492	8	48.05	2	6	22	48...[14]	28	8	39.0[15]	Mer.	219	60	[14] Separate threads give $48^{\mathrm{s}}.79$, $47^{\mathrm{s}}.91$. Last thread of this star, as also the two threads of Mer. 219, No. 61, should probably be increased 1 sec. each.
	8	47.18	1			48.36			34.6	Mu.	98	6	
	8	47.95	2			48.81			35.6	Mer.	217	77	
3493	8	48.05	2	6	22	49.25[16]	27	54	22.5	Mer.	219	61	
	7.8	47.18	1			50.24			18.6	Mu.	98	7	[15] Decl. changed one rev. north.
	7	47.10	1			50.48			19.3	Mer.	84	36	[16] See note on No. 3492_1.
3494	10	48.01	2	6	22	51.03	29	0	15.1	Mer.	218	56	
3495	10	48.06	1	6	22	55.00	23	53	42.4	Tr.	158	26	
	10	49.07	2			55.84			42.2	Mu.	220	4	
3496	9	48.06	1	6	23	4.03[17]	25	47	28.2	Mer.	221	73	[17] R. A. increased one thread interval.
3497	10	49.11	2	6	23	4.18	30	17	39.7	Mer.	162	64	
3498	7	49.15	2	6	23	4.26	32	16	....	Tr.	217	14	
3499	9	48.05	1	6	23	8.17	26	1	26.8	Mu.	154	18	
	9	48.06	2			8.35			26.6	Tr.	156	1	
	9	48.06	1			8.58			22.4	Mu.	157	36	
3500	8	48.06	1	6	23	11.81	23	53	8.6	Mu.	156	49	
	9.10	49.07	3			12.82			8.5	Mu.	220	5	
	10	48.05	3			12.94			8.1	Tr.	154	8	
	9	48.06	2			12.98			5.7	Tr.	158	25	
3501	7	49.14	2	6	23	16.67	21	37	51.4	Mer.	164	23	
3502	9	48.06	2	6	23	16.77	26	24	19.8	Tr.	156	2	
3503	9	48.91	2	6	23	44...[18]	29	23	56.8	Mer.	155	9	[18] Separate threads give $44^{\mathrm{s}}.45$, $46^{\mathrm{s}}.01$.
3504	9	47.10	1	6	23	52.86	27	19	28.5	Mer.	84	37	
3505	10	48.06	1	6	24	1.59	25	47	7.0	Mer.	221	74	
3506	8	49.18	4	6	24	1.65	33	59	52.0	Mer.	167	18	
3507	10	48.06	1	6	24	2.58	25	47	24.6	Mer.	221	75	
3508	9	49.11	1	6	24	3.63	28	43	47.3	Mu.	221	70	
3509	9	49.07	2	6	24	11.93	24	2	38.4	Mu.	220	6	
	..	48.06	1			12.13			39.2[19]	Mu.	156	50	[19] Decl. changed one rev. north.
	9	48.06	1			12.17			34.6	Tr.	158	27	
	9	48.05	2			12.28			40.0	Tr.	154	9	
3510	9	49.11	1	6	24	11.99	29	45	43.3	Mer.	162	65	
	9	48.91	2			12.18			44.0	Mer.	155	10	
3511	7	49.11	2	6	24	12.77	28	33	24.1	Mu.	221	71	
	9	48.91	4			12.92			25.1	Mu.	211	8	
	8	47.95	1			12.97			28.6	Mer.	217	78	
	7	48.01	1			13.38			27.1	Mer.	218	57	
	7	47.18	1			13.62			28.1	Mu.	98	8	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
3512	9	47.12	1	6	24	15.77	27	28	20.0	Mu.	94	45	
3513	8.9	48.05	3	6	24	18.96	22	13	11.0	Mer.	118	11	
	7	49.14	4			19.03			20.1	Mer.	164	24	
3514	9	47.15	3	6	24	19.73	31	4	36.0	Mu.	95	23	
	7.8	49.15	2			19.88 [1]			30.9	Mu.	232	13	[1] One of three threads rejected; R. A.=$18^{s}.89$.
	7	49.13	3			19.99			33.5	Mu.	228	7	
	7	47.09	3			20.03 [2]			33.6	Mer.	83	93	[2] One of four threads rejected; R. A.=$23^{s}.91$.
	6	49.06	4			20.02			34.0	Mer.	159	49	
	7	49.15	2			20.02 [3]			34.5	Mer.	165	20	[3] R. A. increased 1 min.
3515	9	49.06	1	6	24	32.99	31	1	12.0	Mer.	159	50	
3516	10	48.06	1	6	24	33.04	25	35	8.5	Mer.	221	76	
3517	8	48.05	2	6	24	46. . . [4]	26	13	20.5	Mu.	154	19	[4] Separate threads give $45^{s}.38$, $46^{s}.26$.
	9	48.06	2			46.08			17.9	Tr.	156	3	
	7	48.06	1			46.45			20.4	Mu.	157	37	
3518	9	48.01	2	6	24	49.14	28	58	38.3	Mer.	218	58	
3519	6	47.10	1	6	24	49.68	27	40	4.6	Mer.	84	38	
	4.5	47.12	2			49.85			5.9	Mu.	94	46	
3520	9	49.06	2	6	24	50.77	29	55	33.1	Mu.	217	3	
	8	47.07	1			51.01			34.1	Mu.	88	63	
	9	47.12	3			51.05 [5]			33.0	Mu.	92	2	[5] One of four threads rejected; R. A.=$50^{s}.14$.
3521	9.10	49.07	1	6	24	58.50	23	46	28.0	Mu.	220	7	
	10	48.06	1			58.55			25.9	Tr.	158	28	
3522	9	47.95	1	6	25	0.94 [6]	28	9	14.9	Mer.	217	79	[6] R. A. increased 1 min.
3523	. .	47.95	1	6	25	3.93 [7]	28	7	48.4	Mer.	217	80	[7] R. A. increased 1 min.
3524	9	49.14	2	6	25	8.02	21	56	5.2	Mer.	164	25	
3525	8	48.05	1	6	25	10.08 [8]	28	21	33.5	Mer.	219	62	[8] R. A. increased 1 min.
3526	10.9	48.06	1	6	25	14.15	26	25	53.4 [9]	Tr.	156	4	[9] Decl. changed one wire interval north.
3527	8	48.06	1	6	25	23.54	23	35	49.1 [10]	Mu.	156	51	[10] Decl. changed five rev. south.
	9	49.07	1			24.81			44.0	Mu.	220	8	
	9	48.06	1			25.08			49.2	Tr.	158	29	
	10	48.05	2			25.47			45.6	Tr.	154	10	
3528	9.10	49.07	1	6	25	33.25	23	53	20.9 [11]	Mu.	220	9	[11] Decl. changed one rev. north.
3529	10	49.15	2	6	25	33.95	31	38	. . . .	Tr.	217	15	
3530	3	48.06	7	6	25	36.52	23	18	50.4	Mer.	220	87	
3531	8	47.10	1	6	26	4.99	27	55	30.9	Mer.	84	39	
	7	47.18	1			4.99			33.4	Mu.	98	9	
	7	48.05	1			5.38			34.5	Mer.	219	63	
3532	8	47.10	6	6	26	6.75	29	12	9.2	Mu.	91	39	
	9	48.91	5			6.78			10.0	Mu.	211	9	
	7	49.11	4			6.97			11.5	Mer.	161	64	
	7	48.01	3			6.99			4.8 [12]	Mer.	218	59	[12] Decl. changed one rev. south.
	6	49.11	2			7.01			14.8	Mu.	221	72	
	8.9	49.14	3			7.03			11.3	Mu.	230	27	
	8	48.91	4			7.12			9.6	Mer.	155	11	
3533	9.8	49.15	2	6	26	16.92	31	8	41.7	Mu.	232	14	
3534	8	48.06	1	6	26	18.48 [13]	23	4	41.7	Mer.	220	88	[13] R. A. increased 1 min.
3535	10	48.06	1	6	26	22.26	23	31	29.0	Tr.	158	30	
	9	49.07	1			23.47			28.5	Mu.	220	10	
3536	10	48.06	2	6	26	37.13	26	26	43.1	Tr.	156	5	
3537	10	49.14	1	6	26	37.38	29	33	16.0	Mu.	230	28	
	8	49.11	1			37.96			17.4	Mer.	161	65	
	8	48.91	2			38.19			20.0	Mer.	155	12	
3538	9	49.06	3	6	26	37.74	31	37	46.0	Mer.	159	51	
3539	7	47.12	1	6	26	46.50	27	18	0.8	Mu.	94	47	
	6	47.10	1			46.73 [14]			1.8	Mer.	84	41	[14] R. A. increased 1 min.
3540	8	48.91	2	6	26	49. . . [15]	29	28	39.6	Mer.	155	13	[15] Separate threads give $48^{s}.80$, $49^{s}.61$.
	10	49.14	1			50.61			27.0	Mu.	230	29	
3541	8.9	48.05	4	6	26	51.89	22	29	59.0	Mer.	118	12	
3542	8	47.18	1	6	26	59.01	27	49	51.5	Mu.	98	10	
	8	47.95	2			59.26 [16]			54.7	Mer.	217	81	[16] R. A. increased 1 min.
3543	9	49.18	1	6	26	59.15	34	6	43.2	Mer.	167	19	
3544	7	48.06	2	6	26	59.59 [17]	22	57	28.9	Mer.	220	89	[17] R. A. increased 1 min.
3545	7	49.15	3	6	27	2.23	31	55	. . . .	Tr.	217	16	
3546	9	49.07	1	6	27	3.05	23	38	45.7 [18]	Mu.	220	11	[18] Decl. changed nine rev. north. Gou and AW give 34″.
	8.9	48.06	2			3.06			32.5	Tr.	158	31	
	10	48.05	2			3.21			36.8	Tr.	154	11	
3547	8.7	47.12	1	6	27	4.16	27	29	13.4	Mu.	94	48	
	8	47.10	1			4.87 [19]			12.0	Mer.	84	40	[19] R. A. increased 1 min.
3548	10	49.15	3	6	27	5.08	30	23	57.9	Mer.	165	21	
3549	9	47.15	2	6	27	16.24	30	45	16.0	Mu.	95	24	
	9	47.09	2			16.44			11.6	Mer.	83	94	
	9	49.15	1			16.69 [20]			15.9	Mer.	165	22	[20] R. A. decreased one thread interval.
3550	9	48.06	1	6	27	16.61	24	6	43.4	Tr.	158	32	
3551	9	48.06	2	6	27	19.23 [21]	22	59	53.5	Mer.	220	90	[21] R. A. increased 1 min.
3552	8	49.11	3	6	27	26.55	29	38	55.2	Mer.	162	66	
	9	49.06	2			26.61			56.4	Mu.	217	4	
	7	47.07	3			26.63			57.8	Mu.	88	64	
	8	49.11	2			26.73			56.3	Mer.	161	66	
3553	8	49.06	1	6	27	30.34	30	57	58.6	Mer.	159	52	
	9	47.09	2			31.33			57.8	Mer.	83	95	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
3554	7	48.05	2	6	27	36.72	26	13	7.6	Mu.	154	20	
	8	48.06	2			37.06			5.4	Tr.	156	6	
	6	48.06	1			37.25			7.2	Mu.	157	38	
3555	9	48.91	1	6	27	37.34	29	5	56.8	Mu	211	10	
	7	49.11	2			37.86			56.6	Mu.	221	73	
	7	48.01	3			38.29			55.5	Mer.	218	60	
	9	47.10	2			38.40[1]			56.1	Mu.	91	40	[1] One of three threads rejected; R. A.=$37^{s}.59$.
3556	8	48.91	1	6	27	43.30	29	30	23.6	Mer.	155	14	
3557	9	47.10	1	6	27	50.30	27	50	37.4	Mer.	84	42	
	8	48.05	4			50.92			39.7	Mer.	219	64	
3558	9	49.11	1	6	27	51.16	29	9	38.8	Mu.	221	74	
	9	48.91	1			51.59[2]			40.2	Mu.	211	11	[2] R. A. increased 5 sec.
	8	48.01	1			51.80			46.2[3]	Mer.	218	61	[3] Decl. changed one rev. south.
	9	47.10	1			51.93			38.5	Mu.	91	41	
3559	9	47.12	3	6	27	57...[4]	30	22	38.5	Mu.	92	3	[4] R. A. increased 1 min. Separate threads give $57^{s}.51$, $58^{s}.43$, $53^{s}.66$.
3560	..	48.06	1	6	28	0.76	25	54	55.8	Mer.	221	77	
	9	48.06	1			0.86			60.4	Tr.	156	7	
3561	9	47.15	2	6	28	2.10	30	28	17.0	Mu.	95	25	
	9	49.15	2			2.17			18.3	Mer.	165	23	
3562	9	48.06	1	6	28	9.19	23	45	43.0	Mu.	156	52	
	9	48.06	1			9.32			39.2	Tr.	158	33	
	11	48.05	2			9.35			44.3	Tr.	154	12	
	9.10	49.07	1			9.43			42.1	Mu.	220	12	
3563	8.9	47.12	3	6	28	18.54	30	13	22.9	Mu.	92	4	
	8	47.07	2			18.64			23.5	Mu.	88	65	
	8.9	49.06	2			18.87			22.8	Mu.	217	5	
3564	7	49.11	2	6	28	19.78	29	30	55.1	Mer.	161	67	
	9	49.14	3			19.88			49.3[5]	Mu.	230	30	[5] Decl. changed one rev. north.
	9	48.91	3			20.12			53.4	Mer.	155	15[6]	[6] "Double, first observed."
3565	9.10	49.07	1	6	28	37.20	23	22	6.4	Mu.	220	13	
3566	8	49.14	2	6	28	38.62	21	52	47.1	Mer.	164	26	
3567	3	48.06	1	6	28	46.18	22	50	56.7	Mer.	220	91	
3568	10	49.15	2	6	29	1.43[7]	31	42	....	Tr.	217	17	[7] R. A. increased one thread interval.
3569	8	47.10	1	6	29	1.75	27	10	11.0	Mer.	84	43	
3570	7.8	49.06	3	6	29	7.93	29	58	32.7[8]	Mu.	217	6	[8] Decl. changed ten rev. north.
	8	47.12	4			8.17			32.1	Mu.	92	5	
	9	49.11	4			8.29[9]			33.2	Mer.	162	67	[9] R. A. increased 1 min.
	6	47.07	3			8.29[10]			33.9	Mu.	88	66	[10] R. A. increased one thread interval.
3571	..	48.06	2	6	29	8.25	25	43	....	Mer.	221	78	
3572	6	49.14	2	6	29	10.31[11]	21	59	27.1	Mer.	164	27	[11] Minute assumed.
3573	7	49.18	3	6	29	16.37	33	53	40.0	Mer.	167	20	
3574	8	49.15	3	6	29	16.95	31	10	30.5	Mu.	232	15	
	7	49.13	3			16.98			32.1	Mu.	228	8	
	7	49.06	3			17.33			31.7	Mer.	159	53	
3575	9	49.15	1	6	29	19.68	31	43	....	Tr.	217	18	
3576	9.10	47.09	2	6	29	22.17	30	49	13.9	Mer.	83	96	
	9	49.15	2			22.18			13.2	Mer.	165	24	
	9	47.15	2			22.50			13.2	Mu.	95	26	
3577	8	49.06	2	6	29	29..[12]	31	32	54.5[13]	Mer.	159	55	[12] Separate threads give $29^{s}.72$, $28^{s}.89$.
3578	9	48.06	2	6	29	33.47	25	55	24.4	Tr.	156	8	[13] Decl. changed one rev. south.
3579	8	49.15	2	6	29	47.61	31	28	24.0	Mu.	232	16	
	8	49.13	1			48.04			23.4	Mu.	228	9	
	7	49.06	2			48.29[14]			25.7	Mer.	159	54	[14] One of three threads rejected; R. A.=$47^{s}.53$.
3580	8	48.05	2	6	29	52.68	23	59	55.7	Tr.	154	13	
	8.9	49.07	3			52.75			54.5	Mu.	220	14	
	8	48.06	2			52.86			55.9	Tr.	158	34	
3581	9	49.15	1	6	29	55.58	30	45	7.8	Mer.	165	25	
	9	47.15	2			55.62[15]			5.6	Mu.	95	27	[15] R. A. decreased one thread interval.
	9.10	47.09	2			55.69			5.2	Mer.	83	97	
3582	9.10	49.06	1	6	29	56.68	30	19	47.6	Mu.	217	7	
3583	10	48.06	2	6	30	1.21	23	12	16.7	Mer.	220	92	
3584	7.8	47.10	2	6	30	10.88	27	29	29.7	Mer.	84	44	
	7	47.12	3			11.12			24.8	Mu.	94	49	
3585	9	48.06	1	6	30	12.48	26	0	15.3	Tr.	156	10	
3586	6	48.01	3	6	30	17.06	28	42	51.7	Mer.	218	63	
	7	49.11	3			17.54			52.4	Mu.	221	75	
	8	48.91	4			17.64			54.2	Mu.	211	12	
3587	7	48.05	2	6	30	17.09	26	24	49.1	Mu.	154	21	
	8	48.06	1			17.37			47.9	Tr.	156	9	
	6	48.06	2			17.48			47.9	Mu.	157	39	
3588	9	48.91	3	6	30	20.54	29	16	36.0	Mer.	155	16	
3589	7.8	48.05	4	6	30	22.81[16]	22	29	23.3	Mer.	118	13	[16] R. A. decreased 1 min. One of five threads rejected; R. A.=$21^{s}.92$.
3590	8	49.14	4	6	30	35.57	22	8	36.1	Mer.	164	28	
3591	7	49.15	2	6	30	50.15	31	45	....	Tr.	217	19	
3592	9	48.06	1	6	30	53.30	26	38	5.5	Tr.	156	11	
3593	10	48.06	1	6	30	58.99	23	11	13.7	Mer.	220	93	
3594	8	48.05	3	6	31	2.13	28	13	1.5	Mer.	219	65	
	9	47.18	1			2.25			0.0	Mu.	98	11	
3595	8	49.14	1	6	31	8.03[17]	21	49	50.4	Mer.	164	30	[17] R. A. decreased one thread interval.
3596	8	48.91	3	6	31	10.80	28	34	52.3	Mu.	211	13	
	6	48.01	2			10.81			54.2	Mer.	218	64	
	7	47.18	1			11.05			56.2	Mu.	98	12	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
3597	9	49.18	3	6	31	14.34	33	26	55.1	Mer.	167	21	
3598	8	49.14	2	6	31	28.22	21	38	58.3	Mer.	164	29	
3599	10	48.91	2	6	31	29.20	29	42	32.0	Mer.	155	17	
3600	9	47.07	1	6	31	42.81	29	54	21.4[1]	Mu.	88	67	[1] Decl. changed one rev. north.
3601	8	49.06	1	6	31	49.12	31	19	39.2	Mer.	159	56	
	9	49.15	2			49.71			35.7	Mu.	232	17	
3602	8	49.15	2	6	31	50.04	30	22	2.9	Mer.	165	26	
	9.10	47.12	3			50.13[2]			5.8	Mu.	92	6	[2] R. A. decreased 1 min.
	9	47.15	2			50.33			3.9	Mu.	95	28	
	9.10	49.06	1			50.43			7.5	Mu.	217	8	
3603	9	48.06	1	6	31	54.15	23	31	25.2	Tr.	158	35	
	9.10	49.07	2			54.36			26.9	Mu.	220	15	
3604	9	48.05	3	6	31	58.21	22	38	23.0	Mer.	118	14	
3605	7	47.12	3	6	32	2.30	27	40	15.1	Mu.	94	50	
	7.8	47.10	1			2.58			16.8	Mer.	84	45	
3606	8	48.05	3	6	32	5.59[3]	28	22	15.2	Mer.	219	66	[3] One of four threads rejected; R. A.=$6^{s}.36$.
	8	47.18	1			5.74			12.8	Mu.	98	13	
3607	7	48.06	2	6	32	8.17	23	27	8.4	Tr.	158	36	
	8	49.07	3			8.36			7.4	Mu.	220	16	
	6	48.05	3			8.42			7.5	Tr.	154	14	
3608	9	47.09	2	6	32	9.75[4]	30	30	27.4	Mer.	83	98	[4] One thread decreased 10 sec.
	9	47.15	3			9.79			25.7	Mu.	95	29	
	8	49.15	2			10.07			27.7[5]	Mer.	165	27	[5] Decl. changed one rev. south.
3609	7	49.15	2	6	32	10.57	32	12	....	Tr.	217	20	
3610	9	48.06	2	6	32	11.85	22	54	37.1	Mer.	220	94	
3611	10	48.06	1	6	32	13.46	25	59	33.4	Tr.	156	12	
3612	9	48.91	1	6	32	23.06	28	54	30.3	Mu.	211	14	
	7	48.01	2			23.51			30.4	Mer.	218	65	
3613	8	47.10	1	6	32	29.81	27	49	40.2	Mer.	84	46	
3614	9	48.91	1	6	32	32.31	28	39	46.6	Mu.	211	15	
3615	8	47.12	2	6	32	51.56	27	36	42.2	Mu.	94	51	
	7.8	47.10	1			52.05			41.3	Mer.	84	47	
3616	10	48.91	1	6	32	53.65[6]	28	37	34.0	Mu.	211	16	[6] "Time of transit doubtful."
3617	9.10	48.06	1	6	33	6.15	23	40	51.5	Tr.	158	37	
3618	8	49.14	3	6	33	6.80	21	39	14.2	Mer.	164	31	
3619	8	48.06	1	6	33	10.09	26	26	30.2	Mu.	157	40	
	9	48.06	1			10.12			32.3	Tr.	156	13	
	8	48.05	1			10.21			27.4	Mu.	154	22	
3620	9	47.10	3	6	33	15.96	29	1	42.9	Mu.	91	42	
	9.10	49.14	2			15.97			43.6	Mu.	230	31	
	8	48.91	2			16.15			45.0	Mer.	155	18	
	8	48.01	2			16.16			42.2	Mer.	218	66	
3621	9	49.06	3	6	33	18.90	31	16	26.0	Mer.	159	57	
	9	49.13	1			19.03			24.1	Mu.	228	10	
3622	6.7	48.06	1	6	33	21.66	23	33	47.3	Tr.	158	38	
	6	48.05	2			21.70			42.8	Tr.	154	15	
	8	49.07	2			21.96			22.5[7]	Mu.	220	17	[7] If micrometer reading be assumed as 39.668 instead of 39.968 rev., as recorded, Decl.=41″.4.
3623	9	48.06	1	6	33	25.13	26	16	53.1	Tr.	156	14	
3624	7	47.18	1	6	33	32.76	28	18	32.3	Mu.	98	14	
	7	48.05	4			32.85			30.8	Mer.	219	67	
3625	8	48.06	3	6	33	35.29	22	46	13.9	Mer.	220	95	
	9	48.05	3			35.40			16.6	Mer.	118	15	
3626	8	49.15	2	6	33	36.55	31	42	13.2	Mu.	232	18	
	9	49.15	2			36.79			....	Tr.	217	21	
3627	8	48.01	1	6	33	39.27	28	54	58.6	Mer.	218	67	
3628	9	48.06	1	6	33	41.36	23	34	13.1	Tr.	158	39	
	9	49.07	2			41.37			14.7	Mu.	220	18	
3629	9.10	49.06	2	6	33	45.08	29	54	20.6	Mu.	217	9	
	9	47.12	2			45.10[8]			22.0	Mu.	92	7	[8] R. A decreased one thread interval.
3630	8	48.01	1	6	33	52.68	26	39	14.8	Mu.	152	1	
3631	9	49.07	1	6	33	54.05	23	41	55.5	Mu.	220	19	
3632	5	47.09	2	6	33	57.72	30	19	42.1	Mer.	83	99	
	6	47.12	2			57.84			42.2	Mu.	92	8	
	6	49.11	7			57.85			45.3	Mer.	162	68	
	4	49.15	4			57.87			44.4	Mer.	165	28	
	5	47.15	4			57.89			43.5	Mu.	95	30	
	6	49.06	3			57.97			40.6	Mu.	217	10	
	5.6	47.07	4			58.22			42.4[9]	Mu.	88	68	[9] Decl. changed five rev. south.
3633	8	48.01	2	6	33	59.83	29	3	57.8	Mer.	218	68	
3634	9	48.06	2	6	34	3.74	23	9	48.8	Mer.	220	96	
3635	9	47.12	1	6	34	5.63	27	39	18.5	Mu.	94	52	
	8	47.10	2			5.74			18.9	Mer.	84	48	
3636	10	48.91	2	6	34	11.12	29	37	28.0	Mer.	155	19	
3637	8	48.06	2	6	34	15.00	23	2	6.6	Mer.	220	97	
3638	8	48.06	1	6	34	24.98	26	10	23.5	Mu.	157	41	
	7	48.05	2			25.29			25.2	Mu.	154	23	
	10	48.06	1			25.50			22.6	Tr.	156	15	
3639	10	49.15	2	6	34	35.07[10]	31	50	....	Tr.	217	22	[10] R. A. increased one thread interval and decreased 1 min.
3640	6	48.05	3	6	34	39.53	28	7	42.0	Mer.	219	68	
	7	47.18	2			39.56			40.8	Mu.	98	15	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
3641	10	48.91	2	6	34	42.23	29	36	3.0	Mer.	155	20	
3642	9	48.91	3	6	34	53.74	28	42	56.0	Mu.	211	17	
	7	48.01	1			53.91			56.3	Mer.	218	69	
3643	8	49.14	2	6	35	0.19	22	4	29.2	Mer.	164	32	
3644	6	49.14	4	6	35	7.07	21	57	55.7	Mer.	164	33	
3645	8	49.18	5	6	35	7.08	34	4	32.1	Mer.	167	22	
3646	9.10	49.06	2	6	35	15. . .[1]	30	24	53.3	Mu.	217	11	[1] Separate threads give $14^{s}.95$, $16^{s}.04$.
	8	49.15	2			15.27			51.7	Mer.	165	29	
	10	47.09	1			15.44			54.0	Mer.	83	100	
3647	5.6	47.09	1	6	35	23.77	30	30	23.2	Mer.	83	101	
	7	49.15	3			23.83			25.0	Mer.	165	30	
	8	47.15	4			23.88			25.3	Mu.	95	31	
3648	8	47.12	1	6	35	27.72[2]	27	26	54.2	Mu.	94	53	[2] R. A. decreased one thread interval.
	7.8	47.10	1			27.76[3]			54.0	Mer.	84	49	[3] R. A. decreased 20 sec.
3649	7.8	47.10	1	6	35	40.41	27	44	21.7	Mer.	84	50	
	7	47.18	1			40.77			24.2	Mu.	98	17	
3650	8	47.18	1	6	35	43.25	28	8	59.7	Mu.	98	16	
	8	48.05	2			43.40			62.1	Mer.	219	69	
3651	8	47.12	1	6	35	47.41	27	29	37.3	Mu.	94	54	
3652	7	49.14	1	6	35	49.34	22	18	10.1	Mer.	164	34	
	10	48.05	1			49.85			5.3	Mer.	118	16	
3653	9	49.13	1	6	35	51.33	31	27	42.7	Mu.	228	11	
3654	9	48.06	1	6	35	54.79	24	5	58.4	Tr.	158	40	
	10	48.05	2			55.09			60.5	Tr.	154	16	
3655	9	49.15	2	6	36	0.64	30	33	52.0	Mer.	165	31	
	9	47.15	2			1.01			54.4	Mu.	95	32	
3656	9	49.15	1	6	36	1.87	32	8	. . . .	Tr.	217	23	
3657	10	48.06	1	6	36	10.82	23	49	52.8	Tr.	158	42	
	10	49.07	1			11.21			57.3	Mu.	220	20	
3658	. .	48.06	2	6	36	11.07	23	5	22.8	Mer.	220	98	
3659	10	48.05	2	6	36	11.09[4]	24	5	29.4	Tr.	154	17	[4] Separate threads give $10^{s}.70$, $11^{s}.48$.
	9	48.06	1			11.47			27.2	Tr.	158	41	
3660	8	48.06	1	6	36	15.26	23	12	. . . .	Mer.	220	99	
3661	8	48.06	3	6	36	20.13	25	32	40.3	Mer.	221	79	
3662	9	48.91	2	6	36	23.98	29	25	30.6	Mer.	155	21	
3663	7	49.14	1	6	36	26.61	22	18	34.9	Mer.	164	35[5]	[5] "First of double."
	8	48.05	3			26.81			34.5	Mer.	118	17	
3664	8	49.15	3	6	36	39.76	31	31	24.3	Mu.	232	19	
	7	49.13	1			40.19			23.8	Mu.	228	12	
3665	9	48.06	1	6	36	40.30	23	42	9.0	Tr.	158	43	
	10	49.07	1			40.52			8.9	Mu.	220	21	
3666	9	49.15	1	6	37	4.54	30	45	30.0	Mer.	165	32	
	8.9	47.09	1			4.88			31.6	Mer.	83	102	
3667	9	48.05	2	6	37	4.85[6]	28	2	39.6	Mer.	219	70	[6] One thread decreased one thread interval.
3668	8	49.18	3	6	37	6.04	34	13	3.5	Mer.	167	23	
3669	9	48.06	2	6	37	6.86	25	58	53.4	Tr.	156	16	
	9	48.06	2			6.90			54.0	Mer.	221	80	
	7	48.06	1			7.36[7]			55.7	Mu.	157	42	[7] R. A. increased one thread interval.
3670	9	49.13	2	6	37	6.92	31	27	42.5	Mu.	228	13	
3671	7	47.18	2	6	37	15.01	28	12	22.4	Mu.	98	18	
	6	48.05	2			15.08[8]			24.1	Mer.	219	71	[8] One thread decreased one thread interval.
3672	5	48.01	3	6	37	15.14	29	5	26.1	Mer.	218	70	
	8	47.10	4			15.35			30.2	Mu.	91	43	
	8	48.91	3			15.49			28.8[9]	Mu.	211	18	[9] Decl. changed one rev. north.
	8.9	49.14	4			15.54			30.5	Mu.	230	32	
3673	8.9	48.06	2	6	37	16.53	26	19	26.1	Tr.	156	18	
	8	48.05	2			16.74			25.8	Mu.	154	24	
	7	48.06	1			16.83[10]			25.9	Mu.	157	43	[10] Minute assumed.
3674	9.10	48.91	2	6	37	19.70	28	58	30.6	Mu.	211	19	
3675	9	48.06	1	6	37	27.75	26	0	37.4	Tr.	156	17	
3676	10	48.05	2	6	37	29.39	23	37	55.0	Tr.	154	18	
	9	48.06	1			29.96			55.4	Tr.	158	44	
	9.10	49.07	1			29.99			57.6	Mu.	220	22	
3677	9	48.01	1	6	37	32.62	28	53	28.1	Mer.	218	71	
3678	8	48.91	3	6	37	41.57	29	29	17.4	Mer.	155	22	
	8.9	47.10	2			41.70			16.8	Mu.	91	44	
	9.10	49.14	1			41.77			18.8	Mu.	230	33	
3679	8	48.06	1	6	37	44.52	25	37	26.1	Mer.	221	81	
3680	6	48.06	1	6	37	46.50	25	23	16.3	Mer.	221	82	
3681	10	48.05	1	6	37	55.18	22	19	3.6	Mer.	118	18	
3682	7	47.10	2	6	37	55.34	27	26	36.6	Mer.	84	51	
	7	47.12	2			55.52			36.1	Mu.	94	55	
3683	. .	48.06	1	6	38	9.40	22	37	45.8	Mer.	220	100	
3684	9	49.15	3	6	38	27.05	31	56	. . . .	Tr.	217	24	
3685	9.10	49.06	3	6	38	35.44	30	1	9.6	Mu.	217	12	
	9	47.12	3			35.64			10.8	Mu.	92	9	
3686	9	48.05	1	6	38	38.60	23	42	35.0	Tr.	154	19	
	8.9	49.07	3			38.63			36.5	Mu.	220	23	
	8	48.06	1			38.75			34.6	Tr.	158	45	
3687	5	49.15	2	6	38	45.96	30	55	11.7[11]	Mu.	232	20	[11] Decl. changed one rev. south.
	4	49.15	4			46.06			13.6	Mer.	165	33	
	6	47.15	5			46.16			11.4	Mu.	95	33	
	5	47.09	1			46.58			13.1	Mer.	83	103	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
3688	8	49.06	2	6	38	52. . .	27	12	10.0	Tr.	210	4	
	6.7	47.12	1			52.60			8.0	Mu.	94	56	
	7	48.01	6			52.71			2.8	Mu.	152	2	
	6.7	47.10	3			52.74			9.1	Mer.	84	52	
3689	9	48.01	2	6	38	55.16	28	44	41.9	Mer.	218	72	
	9	48.91	3			55.18			41.3	Mu.	211	20	
3690	3	48.06	2	6	39	7. . .[1]	23	18	36.9	Mer.	220	101	[1] Separate threads give $7^{s}.16$, $8^{s}.10$.
3691	8	48.06	1	6	39	7.50	25	29	16.9	Mer.	221	83	
3692	6	47.09	1	6	39	17.93	30	26	2.4	Mer.	83	104	
	7	49.11	3			17.98			5.7	Mer.	162	69	
	7.8	49.06	1			18.01			2.4	Mu.	217	13	
	7	47.12	3			18.03			1.2	Mu.	92	10	
3693	10	48.06	1	6	39	20.33	26	0	10.0	Tr.	156	19	
3694	9.10	49.07	2	6	39	24.82	24	1	48.6	Mu.	220	24	
	9	48.06	1			25.00			47.5	Tr.	158	46	
3695	9	49.15	1	6	39	27.49	31	30	2.9	Mu.	232	21	
	7	49.13	1			27.83			3.5	Mu.	228	14	
3696	8	48.06	1	6	39	42.64	23	6	41.0	Mer.	220	102	
3697	6	49.15	1	6	39	45.60[2]	31	37	33.3	Mu.	232	22	[2] R. A. decreased 1 min.
	5	49.13	2			45.99[3]			32.2	Mu.	228	15	[3] One of three threads rejected; R. A.=$46^{s}.77$.
3698	5	47.09	3	6	39	47.92	30	47	37.9	Mer.	83	105	
	6.9	49.15	5			48.08			38.8	Mer.	165	34	
	6	47.15	3			48.14[4]			40.4	Mu.	95	34	[4] One thread decreased 20 sec. R. A. increased one thread interval.
3699	10	48.06	1	6	39	58.99	26	33	54.5	Tr.	156	20	
3700	8	51.14	5	6	40	3.62	25	11	27.3	Tr.	247	1	
3701	9	49.15	2	6	40	3.95	32	6	. . . .	Tr.	217	25	
3702	8.9	48.91	3	6	40	5.07	28	39	20.7	Mu.	211	21	
	8	48.01	3			5.13			21.2	Mer.	218	73	
3703	8.9	47.10	1	6	40	7.20	27	9	21.1	Mer.	84	53	
3704	8	48.06	2	6	40	8.90	22	59	34.2	Mer.	220	103	
3705	8	48.06	3	6	40	21.07	25	50	30.7[5]	Mer.	221	84	[5] Decl. changed two rev. south.
3706	7	48.05	4	6	40	22.18	28	2	16.5	Mer.	219	72	
	7.8	47.18	2			22.49			13.4	Mu.	98	19	
3707	9	48.05	2	6	40	24.51	23	59	8.9	Tr.	154	20	
	9	49.07	2			24.89			11.8	Mu.	220	25	
	9	48.06	1			24.92			9.3	Tr.	158	47	
3708	8.9	49.14	3	6	40	26.87[6]	29	24	15.4	Mu.	230	34	[6] One of four threads rejected; R. A.=$27^{s}.61$.
	8	47.10	4			26.91			13.3	Mu.	91	45	
	6	48.91	3			26.97			15.6	Mer.	155	23	
3709	9	49.15	1	6	40	36.59	30	35	6.2	Mer.	165	35	
	9	47.15	3			37.07[7]			7.1[8]	Mu.	95	35	[7] R. A. increased 1 min.
3710	10	51.14	5	6	40	40.30	25	0	45.1	Tr.	247	2	[8] Decl. changed fourteen rev. south.
3711	9.10	48.05	3	6	40	43.90	22	31	13.1	Mer.	118	19	
3712	8	49.18	3	6	40	46.39[9]	34	5	9.8	Mer.	167	24	[9] One of four threads rejected; R. A.=$45^{s}.69$.
3713	9	48.91	3	6	40	53.42	28	52	14.6	Mu.	211	22	
	9	48.01	1			53.75			16.1	Mer.	218	74	
3714	7	48.06	1	6	40	58.03	22	53	36.0	Mer.	220	104	
3715	10	48.05	2	6	40	58.90	22	18	44.8	Mer.	118	20	
3716	10	49.14	2	6	41	5.22	29	26	38.4	Mu.	230	35	
	9	48.91	2			5.55			51.4	Mer.	155	24	
	9	47.10	3			5.70			55.9	Mu.	91	46	
3717	. .	48.05	1	6	41	6.29	28	14	36.1[10]	Mer.	219	73	[10] Decl. changed one rev. north.
3718	8	48.06	1	6	41	19.21	25	33	50.0	Mer.	221	85	
3719	9.10	49.07	1	6	41	20.64	23	41	56.0	Mu.	220	26	
	10	48.06	1			20.72			50.8	Tr.	158	49	
3720	9.10	49.07	1	6	41	22.53	23	54	43.6[11]	Mu.	220	27	[11] Decl. changed one rev. south.
	9	48.06	1			22.57			43.4	Tr.	158	48	
3721	7	48.06	2	6	41	24.65	25	31	23.0	Mer.	221	86	
3722	9	47.15	1	6	41	25.91	30	47	51.5	Mu.	95	36	
	7.8	47.09	2			26.62			51.1	Mer.	83	106	
	8	49.15	2			26.71			53.6	Mer.	165	36	
3723	8	49.14	4	6	41	26.18	22	0	29.6	Mer.	164	37	
3724	9	49.18	2	6	41	28.86[12]	33	51	42.0	Mer.	167	25	[12] Separate threads give $28^{s}.48$, $29^{s}.24$.
3725	7	47.18	1	6	41	32.64	28	23	51.7	Mu.	98	20	
	. .	48.05	1			33.02			50.1	Mer.	219	74	
	9	48.91	1			33.38[13]			49.6	Mu.	211	23	[13] R. A. increased 10 sec.
3726	9	47.18	1	6	41	34.11	28	24	45.3	Mu.	98	21	
	9	48.91	1			34.37[14]			45.0	Mu.	211	24	[14] R. A. increased 10 sec.
3727	. .	48.05	1	6	41	36.85[15]	28	3	17.2	Mer.	219	75	[15] AW and GZ indicate that R. A. should probably be increased 1 sec.
3728	9	48.91	2	6	41	38.23	29	12	39.5[16]	Mer.	155	25	
3729	9	49.15	2	6	41	45.21	31	51	. . . .	Tr.	217	26	[16] Decl. changed one rev. north.
3730	8	49.14	3	6	41	54.21	21	44	33.6	Mer.	164	38	
3731	10	48.06	2	6	41	55.45	26	22	22.2	Tr.	156	21	
	6	48.06	2			55.74			21.7	Mu.	157	44	
3732	9	47.12	3	6	42	15.02	30	16	16.2	Mu.	92	11	
	7	49.15	1			15.02			20.1[17]	Mer.	165	37	[17] Decl. changed ten rev. north.
	9	49.06	4			15.07			17.1	Mu.	217	14	
3733	7	48.06	1	6	42	18.11	22	43	35.3	Mer.	220	105	
3734	8	48.91	1	6	42	22.08	29	24	30.6	Mer.	155	26	
3735	6	48.06	1	6	42	31.64	23	2	8.0	Mer.	220	106	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
3736	9	49.06	1	6	42	35. . .	27	12	55.8	Tr.	210	5	
	8	47.10	3			35.23			57.3	Mer.	84	54	
	7.8	48.01	3			35.30			56.1	Mu.	152	3	
	7	47.12	1			35.43			58.6	Mu.	94	57	
3737	9	48.06	2	6	42	36.24	25	29	33.3 [1]	Mer.	221	87	[1] Micrometer given as 40 or 50 rev.; 50 rev. assumed and Decl. changed one wire interval south. If reduced for 35 rev. and wire as recorded, Decl. = 28″.7.
3738	6	48.05	1	6	42	41.84	28	2	58.7	Mer.	219	76	
3739	8	47.18	1	6	42	42.80	28	12	14.3	Mu.	98	22	
3740	10	48.05	2	6	42	45.07	22	32	23.6	Mer.	118	21	
3741	9	48.91	1	6	42	50.39	28	35	1.3	Mu.	211	25	
	. .	48.01	1			50.60			1.4	Mer.	218	75	
3742	9	49.15	2	6	42	56. . . [2]	31	11	30.9	Mu.	232	23	[2] Separate threads give 57^s.33, 56^s.48.
	7	49.13	2			56.88			33.3	Mu.	228	16	
	7	49.06	5			57.17			32.6	Mer.	159	58	
3743	9	47.10	1	6	42	59.71	27	54	33.1	Mer.	84	55	
3744	7.8	48.06	1	6	43	1.33	25	53	44.7	Tr.	156	22	
	. .	48.06	1			1.62			44.2	Mer.	221	88	
3745	6	48.91	2	6	43	1.62	29	34	36.6	Mer.	155	27	
	8	47.10	5			1.64			38.4	Mu.	91	47	
3746	9	49.15	2	6	43	2.70	32	17	. . . . [3]	Tr	217	27	[3] Decl. changed two rev. north.
3747	6	48.01	1	6	43	24.12	28	48	23.2	Mer.	218	76	
3748	8	48.06	1	6	43	24.59	23	58	28.1	Tr.	158	50	
	7	48.05	1			24.88			25.3	Tr.	154	21	
	9	49.07	2			25.06			28.8	Mu.	220	28	
3749	9	49.07	2	6	43	25.17	23	58	0.9	Mu.	220	29	
3750	8	49.07	2	6	43	30.22	23	54	24.6	Mu.	220	30	
	6.7	48.06	1			30.40			25.7	Tr.	158	51	
	6	48.05	1			30.44			27.0	Tr.	154	22	
3751	8.9	48.91	1	6	43	32.60	28	29	3.9	Mu.	211	26	
	6	48.05	1			32.98			7.2	Mer.	219	77	
	7	47.18	1			33.06 [4]			7.2	Mu.	98	23	[4] R. A. decreased 10 sec.
3752	9	49.15	2	6	43	33.51	30	40	34.7	Mer.	165	38	
	10	47.09	4			33.69			31.0	Mer.	83	107	
	9	47.15	3			33.75 [5]			35.5	Mu.	95	37	[5] R. A. decreased 1 min.
3753	10	49.14	2	6	43	33.52	22	18	16.8 [6]	Mer.	164	39	[6] Decl. changed one rev. north.
	10	48.05	2			33.56			14.3	Mer.	118	22	
3754	7	49.06	3	6	43	58.11	31	5	25.3 [7]	Mer.	159	59	[7] Decl. changed one wire interval north.
	8.9	47.09	1			58.43			27.3	Mer.	83	108	
	8	49.13	1			58.64			24.9	Mu.	228	17	
3755	6	47.10	1	6	44	5.52	27	9	48.2	Mer.	84	57	
	8.9	49.06	1			6. . .			52.8	Tr.	210	6	
	6.7	47.12	3			6.22			48.6	Mu.	94	58	
	7	48.01	2			6.23			49.6	Mu.	152	4	
3756	9.10	48.06	1	6	44	13.80	26	36	0.3	Tr.	156	23	
3757	9	49.07	1	6	44	17.34	23	29	18.0	Mu.	220	31	
	9	48.06	1			17.74			18.2	Tr.	158	52	
3758	9	47.12	1	6	44	20.81	27	8	11.0	Mu.	94	59	
3759	8.9	47.10	1	6	44	21.77 [8]	27	47	15.7	Mer.	84	56	[8] R. A. decreased two thread intervals.
	7	48.05	1			22.00			15.6	Mer.	219	78	
3760	9	48.06	3	6	44	24.22	22	49	15.7	Mer.	220	107	
3761	9	48.91	1	6	44	27.68	29	12	21.8	Mer.	155	28	
3762	6	48.06	1	6	44	30.50	25	36	25.3	Mer.	221	89	
3763	8	48.01	1	6	44	31.35	26	57	23.0	Mu.	152	5	
3764	8	49.18	7	6	44	41.46	33	42	50.9	Mer.	167	26	
3765	6	49.06	2	6	44	42. . . [9]	31	32	5.4 [10]	Mer.	159	60	[9] Separate threads give 43^s.66, 42^s.84.
	7	49.15	2			42.98			. . . .	Tr.	217	28	[10] Decl. changed one wire interval north.
	5	49.15	1			43.50			2.8	Mu.	232	24	
3766	9	49.15	1	6	44	46.28	31	31	. . . .	Tr.	217	29	
3767	7	48.91	2	6	44	54.63	29	16	30.2	Mer.	155	29	
	9	47.10	3			55.00			26.8	Mu.	91	48	
3768	9.10	49.06	1	6	44	56.02	30	19	58.1	Mu.	217	16	
3769	7	49.06	1	6	44	56.21	31	6	20.9	Mer.	159	61	
	7	49.13	1			56.64			15.1	Mu.	228	18	
	8	49.15	1			56.67			15.0	Mu.	232	25	
	7	49.15	3			56.70			18.0	Mer.	165	39	
	6.7	47.09	2			57.11			17.6	Mer.	83	109	
3770	9	49.15	1	6	45	0.99	30	24	17.0	Mer.	165	40	
	9.10	49.06	2			1.57			18.3	Mu.	217	15	
	9	47.15	2			1.62			16.1	Mu.	95	38	
3771	9	48.91	1	6	45	3.41 [11]	28	32	2.3	Mu.	211	27	[11] R. A. of Mu. 211, Nos. 27, 28, 29 apparently 1 sec. small.
	7	47.18	1			4.53			5.5	Mu.	98	24	
	9	48.01	1			4.83			2.3 [12]	Mer.	218	77	[12] Decl. changed one rev. north.
3772	9	48.06	1	6	45	9.70	23	28	17.3	Tr.	158	53	
	9	49.07	1			10.05			16.9	Mu.	220	32	
3773	8.9	49.06	2	6	45	10. . .	27	5	7.9	Tr.	210	7	
	8	48.01	1			10.32			12.4	Mu.	152	6	
3774	9.10	48.91	2	6	45	11.26 [13]	28	33	26.5	Mu.	211	28	[13] See note on No. 3771_1.
	8	48.05	1			11.96			28.7	Mer.	219	79 [14]	[14] "Double first."
3775	9	48.01	1	6	45	11.60	28	33	42.6	Mer.	218	78 [15]	[15] "Double." Probably second component of Mer. 219, No. 79.
3776	9	48.06	3	6	45	11.56	22	54	48.9	Mer.	220	108	
3777	7	48.06	1	6	45	15.98	25	49	2.4	Mer.	221	90	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
3778	9	49.07	..	6	45	26...	23	37	39.6[1]	Mu.	220	33	[1] Decl. changed ten rev. north.
	8.7	48.06	1			26.29			38.0	Tr.	158	54	
	8	48.05	2			26.50			36.7	Tr.	154	23	
3779	8	48.06	1	6	45	33.83	26	21	33.7	Mu.	157	45	
	8	48.06	3			34.25			32.5	Tr.	156	24	
	7	48.05	1			34.33			33.6[2]	Mu.	154	25	[2] Decl. changed one rev. north.
3780	7	49.14	3	6	45	34.65	22	7	37.8	Mer.	164	40	
3781	8	49.18	2	6	45	38...[3]	34	6	6.3	Mer.	167	27	[3] Separate threads give $37^{s}.48$, $38^{s}.31$.
3782	7	48.91	3	6	45	41.71	29	11	59.6	Mer.	155	30	
	9	47.10	2			42.01			58.7	Mu.	91	49	
3783	8	48.06	1	6	45	46.28	26	24	19.9	Tr.	156	25	
	7	48.05	1			46.29			21.5	Mu.	154	26	
3784	10	49.06	1	6	45	46...	26	43	10.1	Tr.	210	8	
	9	48.01	1			47.46			12.4	Mu.	152	7	
3785	10	48.05	2	6	45	47.83	22	31	14.2	Mer.	118	23	
3786	10	49.14	3	6	46	1.52	22	1	19.5	Mer.	164	41	
3787	9	47.12	1	6	46	7.01	27	48	23.7[4]	Mu.	94	60	[4] If micrometer reading be assumed as 16.093 instead of 15.93 rev., as recorded, Decl. = 13″.5.
	8.9	47.10	1			7.77			7.9	Mer.	84	58	
3788	9	48.01	1	6	46	16.56	29	5	2.7	Mer.	218	79	
	9	47.10	1			16.65			5.0	Mu.	91	50	
3789	8	48.91	1	6	46	20.63	29	31	27.8	Mer.	155	31	
3790	9	48.91	1	6	46	22.45[5]	28	27	21.5	Mu.	211	29	[5] See note on No. 3771_1.
	8	47.18	1			24.01			24.8	Mu.	98	25	
3791	6	49.15	1	6	46	23.22	30	14	....	Mer.	165	41	
	8	47.15	3			23.54			42.1[6]	Mu.	95	39	[6] If micrometer reading be assumed as 55.168 instead of 55.468 rev., as recorded, Decl. = 61″.0.
	8.9	49.06	3			23.68			60.4	Mu.	217	17	
3792	9	51.14	5	6	46	24.28	25	22	47.9	Tr.	247	3	
3793	10	48.05	2	6	46	29.45	22	52	1.6	Mer.	118	24	
	8	48.06	3			29.63			3.6	Mer.	220	109	
3794	8	49.18	3	6	46	33.11	33	44	22.9	Mer.	167	28	
3795	9	47.10	1	6	46	34.65	27	35	37.4	Mer.	84	60	
3796	8	48.01	1	6	46	35.81	28	55	9.9	Mer.	218	80	
3797	7.8	48.06	2	6	46	35.99	25	56	16.7	Tr.	156	26	
	7	48.06	3			36.10			11.4	Mer.	221	91	
3798	8	48.06	1	6	46	39.50	22	55	50.3	Mer.	220	110	
3799	9	47.10	1	6	46	40.45	27	46	27.7	Mer.	84	59	
	9	47.12	1			40.54			32.1	Mu.	94	61	
3800	9	49.15	2	6	46	41.05	31	50	....	Tr.	217	30	
3801	8	48.91	1	6	46	44.95	29	19	34.0	Mer.	155	32	
3802	6.7	49.06	2	6	46	58...	26	46	23.8	Tr.	210	9	
	7.8	48.01	3			58.57			25.6	Mu.	152	8	
3803	9	49.07	2	6	46	59.27	23	59	9.0	Mu.	220	34	
	8	48.06	1			59.56			7.2	Tr.	158	55	
3804	9	49.07	1	6	47	1.67	23	56	7.9	Mu.	220	35	
	9	48.06	1			1.70			8.4	Tr.	158	56	
	8	48.05	2			1.77			8.8	Tr.	154	24	
3805	9	49.14	2	6	47	6.68[7]	21	52	27.8	Mer.	164	42	[7] R. A. increased 1 min.
3806	8	49.14	2	6	47	27.23	21	41	54.2	Mer.	164	43	
3807	8	47.12	1	6	47	30.60	27	39	54.9	Mu.	94	62	
	8.9	47.10	1			30.60			56.7	Mer.	84	61	
3808	6.7	47.18	2	6	47	35.60	28	20	18.4	Mu.	98	26	
	6	48.05	5			36.07			19.6	Mer.	219	80	
3809	9	48.06	3	6	47	51.91	25	39	23.5	Mer.	221	92	
3810	5.6	48.06	1	6	47	54.27	23	59	60.4	Tr.	158	57	
	5	48.05	2			54.34			62.8	Tr.	154	25	
	5	49.07	2			54.48			58.2	Mu.	220	36	
3811	8	48.06	1	6	47	57.95	23	44	36.4	Tr.	158	58	
	9	49.07	1			58.10			36.4	Mu.	220	37	
	6	48.06	2			58.67			39.3	Mu.	156	53	
3812	9	49.15	2	6	47	59.68	32	16	....	Tr.	217	31	
3813	8	47.12	1	6	48	2.94	27	34	35.2	Mu.	94	63	
3814	10	48.05	2	6	48	4.08	22	51	43.6	Mer.	118	25	
	8	48.06	1			4.57			46.5	Mer.	220	111	
3815	10	49.06	1	6	48	12...	27	10	44.5	Tr.	210	10	
3816	7	49.13	1	6	48	13.41	31	25	55.1	Mu.	228	19	
	7	49.06	3			13.60			53.9	Mer.	159	62	
	9	49.15	1			13.92			56.1	Mu.	232	26	
3817	9	49.06	4	6	48	25.66	30	25	41.7	Mu.	217	18	
	7	49.15	7			25.70			39.5	Mer.	165	42	
	7.8	47.09	4			25.77[8]			40.1	Mer.	83	110	[8] Minute assumed.
	8	47.15	2			25.88			40.7	Mu.	95	40	
3818	9	48.91	2	6	48	27.67	28	45	39.8	Mu.	211	30	
3819	9	48.06	1	6	48	30.94	24	7	53.0	Tr.	158	59	
3820	8.9	47.10	1	6	48	34.00	27	22	22.4	Mer.	84	62	
3821	6	49.13	1	6	48	39.95	31	36	59.4	Mu.	228	20	
	6	49.06	3			39.99			56.7	Mer.	159	63	
	6	49.15	1			40.06			55.7	Mu.	232	27	
3822	8	48.06	2	6	48	40.32	22	45	5.6	Mer.	220	112	
3823	8	48.91	2	6	48	41.85	29	18	16.4	Mer.	155	33	
3824	8	49.18	5	6	48	46.73	34	2	11.2	Mer.	167	29	
3825	9	49.14	1	6	48	48.86	21	41	1.9	Mer.	164	44	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
3826	8	48.05	3	6	48	52.05	28	11	23.3	Mer.	219	81	
	8.9	47.18	1			52.14			23.1	Mu.	98	27	
3827	9	48.91	2	6	49	1.39	29	41	44.2	Mer.	155	34	
3828	9	49.13	1	6	49	4.71	30	57	33.8	Mu.	228	21	
	..	49.15	1			4.73			34.1	Mer.	165	43	
	8.9	47.15	3			5.08			35.0	Mu.	95	41	
	8	47.09	2			5.10			32.2	Mer.	83	111	
3829	10	49.15	1	6	49	10.09 [1]	31	30	50.9	Mu.	232	28	[1] R. A. decreased one thread interval.
3830	7	49.14	2	6	49	10... [2]	21	50	53.0	Mer.	164	45	[2] Separate threads give $10^{s}.92$, $9^{s}.54$.
3831	8	48.91	2	6	49	21.61	28	50	46.2	Mu.	211	31	
	6	48.01	3			21.69			46.7	Mer.	218	81	
3832	5	48.06	2	6	49	28.13 [3]	22	45	5.8	Mer.	220	113	[3] One of three threads rejected; R. A. = $29^{s}.32$.
	6.7	48.05	4			28.33			1.9	Mer.	118	26	
3833	8	48.05	1	6	49	29.43 [4]	28	27	53.3	Mer.	219	82	[4] R. A. increased 30 sec.
	9	48.91	1			29.63			51.2	Mu.	211	32	
3834	9	49.06	2	6	49	29...	26	56	50.3	Tr.	210	11	
	9	48.01	2			29.80			52.6	Mu.	152	9	
3835	10	49.15	2	6	49	30.44	32	12	....	Tr.	217	32	
3836	8	48.06	1	6	49	39.11	22	49	11.6	Mer.	220	114	
3837	10	49.06	1	6	49	40.53	30	16	15.6	Mu.	217	19	
3838	9	51.14	5	6	49	44.47	25	19	44.3	Tr.	247	4	
	8	48.06	2			44.58			43.7	Mer.	221	93	
3839	9.10	49.06	1	6	49	48...	26	56	23.6	Tr.	210	12	
3840	7	49.18	5	6	50	5.81	33	37	1.0	Mer.	167	30	
3841	9	48.05	2	6	50	13.94 [5]	22	27	6.8 [6]	Mer.	118	27	[5] "Double, first observed."
3842	5	49.13	2	6	50	14... [7]	31	35	56.2	Mu.	228	22	[6] Decl. changed five rev. north.
	6	49.15	2			14.45			52.7	Mu.	232	29	[7] Separate threads give $13^{s}.71$, $14^{s}.90$.
	6	49.06	4			14.58			57.7	Mer.	159	64	
3843	8	48.91	3	6	50	26.15	29	23	1.2	Mer.	155	35	
	9	47.10	4			26.26			1.7	Mu.	91	51	
3844	8	48.06	2	6	50	26.69	25	43	0.1	Mer.	221	94	
3845	9	48.06	1	6	50	31.04	23	46	16.9	Tr.	158	61	
3846	7	49.06	1	6	50	36.06	31	3	22.0	Mer.	159	65	
	8	47.09	1			36.95			19.9	Mer.	83	112	
3847	9	48.06	2	6	50	48.16	23	33	23.9	Tr.	158	60	
	7	48.06	2			48.32			24.5	Mu.	156	54	
	9	48.05	3			48.49			24.0	Tr.	154	26	
	9	49.07	2			48.66			23.2	Mu.	220	38	
3848	8	48.91	2	6	50	50.09	29	32	32.0	Mer.	155	36	
	9.10	47.10	2			50.46			33.0	Mu.	91	52	
3849	6	49.14	3	6	50	53.11	22	0	25.5	Mer.	164	46	
3850	7	49.06	1	6	50	54.05	31	11	10.4	Mer.	159	66	
3851	.10	49.06	1	6	50	54.60	30	14	35.0	Mu.	217	20	
3852	10	48.06	2	6	50	54.68	26	31	17.9	Tr.	156	27	
3853	9	48.91	2	6	50	60... [8]	28	30	18.3	Mu.	211	33	[8] Separate threads give $59^{s}.44$, $60^{s}.38$.
	8	48.05	2			60.23			19.0	Mer.	219	83	
	9	47.18	1			60.51			22.4	Mu.	98	28	
3854	9	51.14	5	6	51	0.46	24	57	24.2	Tr.	247	5	
	9	48.08	3			0.50			24.2	Mer.	223	1	
3855	9.10	49.07	1	6	51	4.78	23	18	10.2	Mu.	220	39	
3856	7	48.06	1	6	51	7.74	25	37	21.7	Mer.	221	95	
3857	10	49.15	3	6	51	15.51	30	41	55.4	Mer.	165	45	
	9	47.15	2			15.63			53.7	Mu.	95	42	
	9	47.09	1			15.93			54.3	Mer.	83	113	
3858	7	48.06	3	6	51	16.76	22	57	42.0	Mer.	220	115	
3859	9.10	47.10	1	6	51	22.34	29	17	49.7	Mu.	91	53	
	8	48.91	1			22.49			54.8	Mer.	155	37	
3860	9.10	49.06	1	6	51	23...	26	59	27.7	Tr.	210	13	
	9	48.01	2			23.92			27.6	Mu.	152	10	
3861	8	48.06	1	6	51	25.33	23	15	34.1	Mer.	220	116	
3862	9.10	49.06	1	6	51	25.51	30	17	48.3	Mu.	217	21	
3863	10	49.15	2	6	51	28.19	32	14	....	Tr.	217	33	
3864	9	49.18	1	6	51	30.73	34	11	55.3	Mer.	167	31	
3865	6.7	47.12	3	6	51	42.56	27	20	24.6	Mu.	94	64	
	6	47.10	4			42.64			26.5	Mer.	84	63	
3866	9	49.15	1	6	51	43.76	31	11	32.4	Mu.	232	30	
	8	49.06	1			44.13			33.0	Mer.	159	67	
	8	49.13	2			44.54			33.7	Mu.	228	23	
3867	..	49.14	3	6	51	45.26	21	40	18.1	Mer.	164	47	
3868	7	48.06	1	6	51	47.63	26	14	47.8	Mu.	157	46	
	9	48.06	2			47.95			45.9	Tr.	156	28	
	9	48.05	2			48.07			49.8	Mu.	154	27	
3869	9	48.06	1	6	52	2.22	24	6	15.6	Tr.	158	62	
3870	9	48.06	1	6	52	2.73 [9]	25	26	23.8	Mer.	221	96	[9] R. A. increased 1 min. and decreased two thread intervals. If instead R. A. be increased 30 sec., R. A. = $2^{s}.97$.
3871	9.10	49.06	1	6	52	5.63	30	13	46.0	Mu.	217	22	
3872	7.8	49.06	2	6	52	6...	26	57	53.5	Tr.	210	14	
	7.8	48.01	3			6.16			54.7	Mu.	152	11	
3873	8	48.91	2	6	52	11.12	29	6	38.0	Mer.	155	38	
3874	9	48.06	1	6	52	20.47	23	40	51.2	Tr.	158	63	
	8	49.07	3			20.71			51.9 [10]	Mu.	220	40	[10] Decl. changed one rev. north.
	9	48.05	3			20.72			50.2	Tr.	154	27	
	5	48.06	1			20.92			52.8	Mu.	156	55	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
3875	7	47.15	3	6	52	22.87	30	32	40.9	Mu.	95	43	
	7	49.15	3			22.90			40.9[1]	Mer.	165	46	[1] Decl. changed two wire intervals south.
	7	47.09	1			23.10			42.6	Mer.	83	114	
3876	9	48.05	2	6	52	23.12	22	20	24.0[2]	Mer.	118	28	[2] As the micrometer reading is the same as that of Mer. 118, No. 29, there may be a mistake in the record, since this Decl. differs 16″ from AW.
3877	9	49.15	2	6	52	24.61	30	52	5.3	Mer.	165	47	
3878	7	51.14	5	6	52	27.04	25	12	48.5	Tr.	247	6	
	6	48.08	3			27.18			48.3	Mer.	223	2	
3879	9	48.06	1	6	52	32.71	26	30	48.0	Tr.	156	29	
	9	48.01	1			33.69			47.9	Mu.	152	12	
3880	8	47.10	1	6	52	39.37	27	51	53.6	Mer.	84	64	
	7	48.05	4			39.66			51.2	Mer.	219	84	
3881	3	48.91	5	6	52	43.60	28	46	16.0	Mu.	211	34	
	2	48.01	3			44.24			12.6	Mer.	218	82	
3882	9	48.06	1	6	52	44.06[3]	25	53	11.0	Mer.	221	97	[3] R. A. decreased one thread interval.
3883	5	49.18	4	6	52	55.46	33	54	40.3	Mer.	167	32	
	7	49.22	3			55.86			37.4	Mer.	169	1	
3884	8.9	48.06	1	6	52	56.17	26	16	17.8	Tr.	156	30	
	4	48.06	1			56.30			22.1	Mu.	157	47	
	8	48.05	2			56.74			21.8	Mu.	154	28	
3885	6.7	47.15	3	6	52	59.30	30	47	47.5	Mu.	95	44	
	5	47.09	2			59.31			48.5	Mer.	83	115	
	6	49.15	2			59.65[4]			48.0	Mer.	165	48	[4] One thread increased one thread interval.
3886	8	48.01	1	6	53	10.80	28	45	33.8	Mer.	218	83	
	9	48.91	3			11.37			33.9	Mu.	211	35	
3887	10	49.14	1	6	53	28.47	22	2	23.6	Mer.	164	48	
3888	8	47.10	1	6	53	36.96	27	41	14.6	Mer.	84	65	
	7	47.12	3			37.05			11.5	Mu.	94	65	
3889	6	48.05	2	6	53	48.35	28	11	43.8	Mer.	219	85	
	7	47.18	3			48.38			41.8	Mu.	98	29	
3890	8	48.06	1	6	53	48.56	25	52	24.3	Mer.	221	98	
3891	9.10	49.07	2	6	53	48.76	23	40	50.6[5]	Mu.	220	41	[5] Decl. changed one rev. north.
	9	48.06	1			48.93			51.0	Tr.	158	64	
	7	48.06	1			48.97			54.0	Mu.	156	56	
	10	48.05	2			49.37			50.4	Tr.	154	28	
3892	8	48.91	3	6	53	52.84	29	29	51.8	Mer.	155	39	
	9	47.10	4			52.87			50.9	Mu.	91	54	
3893	10	48.06	1	6	53	56.60	26	15	13.5	Tr.	156	31	
3894	7	49.14	1	6	53	57.23[6]	21	54	47.1	Mer.	164	49	[6] One of two threads rejected; R. A.=$60^{s}.98$.
3895	9	49.06	3	6	54	6.09	29	52	55.2	Mu.	217	23	
3896	9	48.05	1	6	54	7.86	22	26	13.1	Mer.	118	29	
3897	9	47.18	1	6	54	8.31	27	58	9.3	Mu.	98	30	
3898	8	47.12	1	6	54	13.04	27	35	34.5	Mu.	94	66	
	8	47.10	1			13.29			36.2	Mer.	84	66	
3899	8.9	49.06	2	6	54	14.21	29	52	14.0	Mu.	217	24	
3900	6	48.06	2	6	54	17.05	26	20	27.6	Mu.	157	48	
	9	48.06	1			17.85			25.2	Tr.	156	32	
	8	48.05	1			18.28			24.2	Mu.	154	29	
3901	..	49.15	1	6	54	18.79	31	1	24.3	Mer.	165	50[7]	[7] R. A. of Mer. 165, No. 50, and Decl. of Mer. 165, No. 49.
	8	49.13	1			19.06			23.3	Mu.	228	24	
	7	49.06	2			19.08[8]			26.5[9]	Mer.	159	68	[8] One of three threads rejected; R. A.=$18^{s}.35$.
	9	49.15	1			19.74			24.8	Mu.	232	31	[9] Decl. changed ten rev. north.
3902	8	48.06	1	6	54	20.99	23	38	55.2	Mu.	156	57	
	9.10	49.07	1			21.13			53.6	Mu.	220	42	
3903	9	48.06	1	6	54	21.45	24	4	53.9	Tr.	158	65	
3904	6	49.06	3	6	54	25.33	30	56	11.2	Mer.	159	69	
	8	47.15	2			25.46[10]			10.3	Mu.	95	45	[10] R. A. decreased 10 sec.
	5	49.13	2			25.58			10.0	Mu.	228	25	
	6	49.15	2			25.61			10.9	Mu.	232	32	
	5	47.09	1			25.68			12.0	Mer.	83	116	
	..	49.15	1			25.86			10.8	Mer.	165	51[11]	[11] R. A. of Mer. 165, No. 51, and Decl. of Mer. 165, No. 50.
3905	9	47.12	1	6	54	26.31	27	33	2.1	Mu.	94	67	
3906	8	48.91	2	6	54	27.98	29	12	3.4	Mer.	155	40	
3907	..	49.14	1	6	54	28.78[12]	22	10	20.7	Mer.	164	50	[12] Minute assumed.
3908	..	49.15	1	6	54	29.08	30	51	46.0	Mer.	165	52[13]	[13] R. A. of Mer. 165, No. 52, and Decl. of Mer. 165, No. 51.
	7	47.09	1			30.01			42.9	Mer.	83	117	
3909	..	48.06	2	6	54	32.21	25	46	9.9	Mer.	221	99	
3910	10	49.15	2	6	54	32.78	31	33	.....	Tr.	217	34	
3911	7	48.08	3	6	54	39.51	25	26	9.8	Mer.	223	3	
3912	7	49.14	1	6	54	41.08	21	45	27.8	Mer.	164	51	
3913	..	48.06	1	6	54	41.45	25	53	5.0	Mer.	221	100	
3914	9	48.01	1	6	54	43.92	26	55	19.0	Mu.	152	13	
	10	49.06	1			44...			16.3	Tr.	210	15	
3915	7	48.06	2	6	54	45.13	22	48	29.1	Mer.	220	117	
3916	6	48.05	2	6	54	46.85	28	16	45.4	Mer.	219	86	
	6.7	47.18	1			47.07			46.9	Mu.	98	31	
3917	8	47.10	1	6	54	48.42	27	33	56.3	Mer.	84	67	
	9	47.12	1			48.92			55.5	Mu.	94	68	
3918	9	48.01	1	6	54	48.49	26	45	1.0[14]	Mu.	152	14	[14] Decl. changed five rev. south.
3919	9	49.22	2	6	54	54.43	33	40	4.3	Mer.	169	2	
	10	49.18	4			54.71			5.9	Mer.	167	33	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
3920	6	51.14	5	6	54	56.05	25	0	23.6	Tr.	247	7	
	6	48.08	3			56.32[1]			25.3	Mer.	223	4	[1] R. A. decreased 1 min.
3921	..	48.06	2	6	55	4. . .[2]	22	58	48.9[3]	Mer.	220	118	[2] Separate threads give $5^{s}.03$, $2^{s}.13$.
3922	..	48.06	1	6	55	5.04	25	44	28.3	Mer.	221	101	[3] Decl. changed one rev. south.
3923	10	48.05	2	6	55	11.66	22	26	59.2	Mer.	118	30	
3924	8	47.10	1	6	55	12.35	27	28	41.2	Mer.	84	68	
3925	9	49.07	1	6	55	22.74	23	17	27.3	Mu.	220	43	
3926	9	47.15	1	6	55	24.49	30	27	21.0	Mu.	95	46	
	9	49.06	1			24.73			21.9	Mu.	217	25	
3927	9	48.01	1	6	55	25.51	26	45	1.4[4]	Mu.	152	15	[4] Decl. changed five rev. south.
3928	9.10	49.07	1	6	55	25.99	23	19	25.8	Mu.	220	44	
3929	9.10	48.91	1	6	55	27.92	28	50	41.6	Mu.	211	36	
3930	8.9	49.06	2	6	55	32. . .	27	0	43.2	Tr.	210	16	
3931	7	48.91	2	6	55	32.07	29	31	1.6	Mer.	155	41	
	9	47.10	3			32.29			2.1	Mu.	91	55	
3932	..	48.06	1	6	55	35.12	23	5	48.4[5]	Mer.	220	119	[5] Decl. changed ten rev. north.
3933	8	51.14	5	6	55	38.09	24	59	43.5	Tr.	247	8	
3934	5	47.10	2	6	55	44.51	27	43	24.1	Mer.	84	69	
	2.3	47.12	1			45.21			26.1	Mu.	94	69	
3935	8	48.91	1	6	55	44.68	29	10	21.8	Mer.	155	42	
3936	9	49.07	..	6	55	52. . .	23	17	7.8	Mu.	220	45	
3937	9	48.06	2	6	55	53.27	26	28	50.7	Tr.	156	33	
	7	48.05	1			53.46			51.0	Mu.	154	30	
	6	48.06	1			53.70			53.5	Mu.	157	49	
3938	9	48.06	1	6	55	54.16	26	17	28.5	Tr.	156	34	
3939	10	48.06	1	6	55	58.72	26	21	16.7	Tr.	156	35	
3940	10	48.91	1	6	56	11.11	28	42	16.5	Mu.	211	37	
3941	10	48.91	1	6	56	16.21	28	25	47.0	Mu.	211	38	
	8	48.05	3			16.42			46.9	Mer.	219	87	
3942	7	49.14	3	6	56	17.43	21	48	40.6	Mer.	164	52	
3943	9	48.08	1	6	56	17.76	24	58	35.9	Mer.	223	5	
	8	51.14	5			18.14			33.8	Tr.	247	9	
3944	7	48.05	1	6	56	22.95[6]	28	3	61.2	Mer.	219	88	[6] R. A. decreased one thread interval.
	8	47.18	1			23.22			59.6	Mu.	98	32	
3945	9	47.18	1	6	56	23.28	28	8	32.0	Mu.	98	33	
3946	..	48.06	2	6	56	41.74	26	1	39.5	Mer.	221	102	
3947	4.5	48.06	1	6	56	45.60	23	37	3.6	Tr.	158	67	
	5	49.07	2			45.64			3.2[7]	Mu.	220	46	[7] Decl. changed ten rev. north.
	4	48.05	3			45.67			1.7	Tr.	154	29	
	3	48.06	2			45.79			3.0	Mu.	156	58	
3948	7	48.06	1	6	56	46.97	24	0	59.4	Mu.	156	59	
	9	48.06	1			47.68			62.4	Tr.	158	66	
3949	10	48.05	3	6	56	46.99	22	36	1.2	Mer.	118	31	
3950	8	48.08	1	6	56	55.61	25	6	29.2	Mer.	223	6	
3951	8	48.06	1	6	56	56.08	22	50	16.9[8]	Mer.	220	120	[8] Decl. changed five rev. north.
3952	9	48.05	1	6	57	3.13	22	21	37.3	Mer.	118	32	
3953	8	47.10	2	6	57	10.95	27	50	54.4	Mer.	84	70	
3954	7	49.14	1	6	57	14.15	21	42	0.9	Mer.	164	53	
3955	..	48.06	3	6	57	15.04	25	53	32.2[9]	Mer.	221	103	[9] Decl. changed one rev. north.
3956	8	48.06	1	6	57	20.58	22	44	14.0	Mer.	220	121	
3957	10	48.05	2	6	57	30.57	24	5	28.7	Tr.	154	30	
	9	49.07	1			30.87			36.2	Mu.	220	47	
	9	48.06	1			31.09			34.4	Tr.	158	68	
3958	8	48.08	1	6	57	32.13	24	51	55.5	Mer.	223	7	
3959	7	49.14	1	6	57	36.43	21	33	12.3	Mer.	164	54	
3960	9.10	48.91	2	6	57	38.33	28	37	16.8	Mu.	211	39	
3961	9	48.91	1	6	57	44.51	28	47	58.8	Mu.	211	40	
3962	10	48.06	1	6	57	46.17	26	25	24.7	Tr.	156	37	
	8	48.06	1			46.92			26.8	Mu.	157	50	
3963	10	49.15	3	6	57	50.09	31	35	. . . .	Tr.	217	35	
3964	9	48.06	1	6	57	53.65	23	0	3.7	Mer.	220	122	
3965	9	48.06	1	6	57	54.02	26	31	57.7	Tr.	156	36	
3966	10	49.06	1	6	57	55. . .	26	47	56.0	Tr.	210	17	
	9	48.01	1			56.08			59.5	Mu.	152	16	
3967	8	47.10	1	6	57	57.42	27	17	10.8	Mer.	84	71	
	8	47.12	1			57.52			8.5	Mu.	94	70	
3968	9	48.91	1	6	57	57.64	29	6	59.4	Mer.	155	44	
3969	8	49.22	3	6	57	57.65	33	22	15.1	Mer.	169	3	
3970	9	48.91	2	6	57	57.88	29	10	9.6	Mer.	155	43	
3971	8.9	47.09	2	6	57	58.67[10]	30	22	30.5	Mer.	83	118	[10] R. A. increased one thread interval; record confused.
	9	49.06	3			58.76			29.6	Mu.	217	26	
	7	49.15	2			58.92			30.4	Mer.	165	53	
	9	47.15	3			58.94			30.4	Mu.	95	47	
3972	..	49.15	1	6	58	0.78[11]	30	30	32.9	Mer.	165	56[12]	[11] Minute assumed.
3973	9	48.91	1	6	58	16.13	28	52	59.0[13]	Mu.	211	41	[12] R. A. of Mer. 165, No. 56, and Decl. of Mer. 165, No. 55.
	10	49.14	1			16.33			60.8	Tr.	215	1	
3974	6	49.14	1	6	58	23.88	21	48	28.6	Mer.	164	55	[13] Decl. changed one rev. north.
3975	8	49.22	1	6	58	26.44[14]	34	2	44.2	Mer.	169	4	[14] R. A. decreased 30 sec.
3976	9	47.19	2	6	58	34.02	30	33	14.1	Mu.	100	1	
	..	49.15	2			34.22			13.8	Mer.	165	55[15]	[15] R. A. of Mer. 165, No. 55, and Decl. of Mer. 165, No. 54.
	7	47.09	1			34.34			11.6	Mer.	83	119	
	8.9	47.15	3			34.60			14.2	Mu.	95	48	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
3977	9	48.91	1	6	58	47.69	29	28	44.8	Mer.	155	45	
3978	9	48.91	1	6	58	48.90	29	28	16.6	Mer.	155	46	
3979	7	47.12	1	6	58	53.01	27	13	35.3	Mu.	94	71	
	8	47.10	1			53.45			37.8	Mer.	84	72	
3980	9	49.15	1	6	58	54.81	31	47	....	Tr.	217	36	
3981	8	51.14	5	6	58	56.08	24	52	39.9	Tr.	247	10	
	9	48.08	1			56.15			40.7	Mer.	223	8	
3982	8.9	49.06	1	6	58	57. . .	26	53	28.2	Tr.	210	18	
	8	48.01	2			57.72			30.3	Mu.	152	17	
3983	8	48.06	1	6	59	13.12	22	59	24.2	Mer.	220	123	
3984	7	49.13	2	6	59	17.05	31	18	8.5	Mu.	228	26	
	7.8	49.15	3			17.45			8.9	Mu.	232	33	
3985	. .	48.06	2	6	59	20. . .[1]	25	52	12.9	Mer.	221	104	[1] Separate threads give 20s.40, 19s.56.
3986	9	48.06	1	6	59	28.29	26	1	52.4	Tr.	156	38	
3987	8	48.06	1	6	59	33.94	25	49	19.8	Mer.	221	105	
3988	9	49.06	1	6	59	34.57	30	17	42.8	Mu.	217	27	
3989	9	48.08	2	6	59	34.61	24	46	59.3	Mer.	223	9	
3990	9	48.91	2	6	59	35.01	28	50	42.6	Mu.	211	42	
3991	10	48.06	1	6	59	38.28	26	2	15.7[2]	Tr.	156	39	[2] Decl. changed two rev. south.
3992	8	49.22	2	6	59	46.82	33	55	10.7	Mer.	169	5	
3993	9	47.18	2	6	59	50.98	28	15	50.0	Mu.	98	34	
3994	9.10	47.10	4	6	59	52.78	29	41	48.9	Mu.	91	56	
	9	49.06	1			52.79			51.0	Mu.	217	28	
3995	7	48.06	2	7	0	6.30	22	51	41.9	Mer.	220	124	
	10	51.14	5			6.60			42.1	Tr.	248	1	
	9	48.05	3			6.65			45.0	Mer.	118	33	
3996	7	49.14	3	7	0	11.35	21	47	13.7	Mer.	164	56	
3997	5	49.15	3	7	0	13.49[3]	30	25	45.5	Mer.	165	57	[3] One thread increased 10 sec.
	7	47.15	4			13.66			43.0	Mu.	95	49	
	8	47.19	3			13.75			43.5	Mu.	100	2	
	5.6	47.09	2			13.86			42.5	Mer.	83	120	
	7.8	49.06	1			13.94			43.9	Mu.	217	29	
3998	10	49.14	1	7	0	13.98	21	54	3.5	Mer.	164	57	
3999	9	51.14	5	7	0	17.89	25	14	26.4	Tr.	247	11	
4000	10	48.06	1	7	0	33.05	26	23	40.3	Tr.	156	40	
4001	10	51.14	5	7	0	36.80	25	5	24.5	Tr.	247	12	
4002	5	48.08	2	7	0	40.89	24	43	53.9	Mer.	223	10	
4003	10	49.14	2	7	0	50.75	21	58	29.8	Mer.	164	58	
4004	9	49.15	2	7	0	52.96	31	51	....	Tr.	217	37	
4005	6	48.05	2	7	0	55. . .[4]	26	25	35.9	Mu.	154	31	[4] Separate threads give 55s.73, 54s.54.
	6.7	48.06	1			55.38			38.3	Tr.	156	41	
	5	48.06	1			55.49			36.7	Mu.	157	51	
4006	9	48.07	2	7	0	59.22	26	41	16.7[5]	Mer.	222	1	[5] Decl. changed ten rev north.
4007	7.8	48.06	2	7	1	6.43	23	36	36.5	Tr.	158	69	
	8	48.05	1			6.50			32.6	Tr.	154	31	
	8	49.07	4			6.56			36.4[6]	Mu.	220	48	[6] Decl. changed one rev north.
	4	48.06	2			6.79			30.0	Mu.	156	60	
4008	8	51.14	5	7	1	10.10	25	10	50.9	Tr.	247	13	
4009	8	47.10	1	7	1	12.23	27	57	27.5	Mer.	84	73	
	8	47.18	2			12.68			32.5	Mu.	98	35	
4010	9	47.10	2	7	1	17.21	29	18	31.3[7]	Mu.	91	57	[7] Decl. changed ten rev north.
4011	8	48.06	1	7	1	17.43	25	41	2.1	Mer.	221	106	
4012	8	47.09	1	7	1	24.69[8]	30	33	50.3	Mer.	83	121	[8] R. A. decreased 1 min.
	7	49.15	2			24.72			47.5	Mer.	165	58	
	9	47.19	2			24.76			48.5	Mu.	100	3	
	9	47.15	3			24.92			....	Mu.	95	50	
4013	9	48.06	1	7	1	29.80	26	7	39.4	Tr.	156	42	
4014	8	47.18	1	7	1	35.24	28	1	48.6	Mu.	98	36	
4015	9	48.08	2	7	1	35.63	25	3	5.3	Mer.	223	11	
4016	8	49.06	3	7	1	40.83	31	37	28.1	Mer.	159	70	
	9	49.15	1			40.97			22.3	Mu.	232	34	
	9	49.15	2			41.52			....[9]	Tr.	217	38	[9] Decl. changed one wire interval north.
	8	49.13	1			41.83			25.5	Mu.	228	27	
4017	8.9	47.10	1	7	1	43.92	27	48	58.4	Mer.	84	74	
4018	9	48.91	2	7	1	47.29	28	45	31.4	Mu.	211	43	
	10	49.14	1			47.39			30.9	Tr.	215	2	
4019	9	49.15	1	7	1	48.50	31	34	28.4	Mu.	232	35	
	. .	49.06	2			48.77[10]			31.4[11]	Mer.	159	71	[10] R. A. decreased 1 min.
	8	49.13	1			49.16			29.6	Mu.	228	28	[11] Decl. changed one wire interval south.
4020	7.8	47.10	1	7	1	56.68	27	31	7.2	Mer.	84	75	
	8	47.12	2			56.68			8.9	Mu.	94	72	
4021	8	48.06	2	7	1	57.10	23	11	52.4	Mer.	220	125	
4022	9	48.91	1	7	1	58.08	29	11	54.8	Mu.	211	44	
	9	47.10	3			58.13			55.6	Mu.	91	58	
	8	48.91	1			58.46			55.4	Mer.	155	47	
4023	6	49.15	1	7	1	58.48	30	16	8.0[12]	Mer.	165	59	[12] Decl. changed ten rev. north.
	9.10	49.06	2			58.57			5.1	Mu.	217	30	
4024	10	49.14	1	7	1	59.96	21	45	47.5	Mer.	164	59	
4025	8	47.12	3	7	2	2.00	27	31	31.4	Mu.	94	73	
4026	9	48.06	1	7	2	3.58	24	0	53.3	Tr.	158	70	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
4027	9	47.18	1	7	2	8.93	27	57	56.1	Mu.	98	37	
4028	8.9	48.06	1	7	2	11.71	23	50	31.1	Tr.	158	71	
	7	48.06	1			11.80			31.0	Mu.	156	61	
	10	48.05	2			11.88			32.2	Tr.	154	32	
4029	3	48.06	2	7	2	17.36	26	9	27.6	Mu.	157	52	
	4	48.05	2			17.47			30.5	Mu.	154	32	
	2.1	48.06	2			17.53			32.5	Tr.	156	43	
4030	6	49.15	1	7	2	26.51	31	11	30.1	Mu.	232	36	
4031	8.9	49.07	3	7	2	33.71	23	48	27.8	Mu.	220	49	
	7	48.05	3			33.75			27.2	Tr.	154	33	
	7	48.06	1			33.76			25.1	Tr.	158	72	
	6	48.06	1			34.11[1]			23.8	Mu	156	62	[1] R. A. decreased 1 min. and one thread interval.
4032	9.10	49.06	1	7	2	47.88	29	45	29.5	Mu.	217	31	
	8	48.91	2			48.25			25.8	Mer.	155	48	
4033	8	48.07	2	7	2	52.11	27	15	3.9	Mer.	222	2	
4034	9	48.91	2	7	2	55.09	28	46	56.1	Mu.	211	45	
	10	49.14	1			55.48[2]			56.0	Tr.	215	3	[2] R. A. increased two thread intervals.
4035	8	47.18	1	7	3	2.30	27	55	15.4	Mu.	98	38	
4036	9	48.07	2	7	3	3.38	27	7	40.7	Mer.	222	3	
4037	9	48.91	1	7	3	10.57	28	42	48.5	Mu.	211	46	
4038	10	49.06	1	7	3	13. . .	27	7	28.0	Tr.	210	19	
	. .	48.07	1			13.62			28.0	Mer.	222	4	
4039	. .	48.06	3	7	3	14.30	25	29	40.8	Mer.	221	107	
4040	8	48.06	1	7	3	19.64	24	4	10.8	Tr.	158	74	
4041	9.10	49.06	1	7	3	20.97	29	46	54.3	Mu.	217	32	
4042	9.10	47.19	2	7	3	22. . .[3]	30	42	63.1	Mu.	100	4	[3] Separate threads give $23^{s}.58$, $21^{s}.73$.
	9	49.15	3			22.20			63.4	Mer.	165	60	
	9	47.09	3			22.59			56.0	Mer.	83	122	
4043	7	49.15	1	7	3	26.22	31	41	49.2	Mu.	232	37	
	8	49.15	2			27.22			. . . .	Tr.	217	39	
	6	49.13	2			27.31			49.1	Mu.	228	29	
4044	9	48.06	1	7	3	26.76[4]	23	52	28.4[5]	Mu.	156	63	[4] R. A. decreased 1 min.
4045	9	48.06	1	7	3	27.28	23	42	7.3	Tr.	158	73	[5] If Decl. be changed one rev. south to agree better with CoD, Decl.=91″.3.
	10	48.05	1			27.36			5.9[6]	Tr.	154	34	
	9	49.07	2			27.73			8.1	Mu.	220	50	[6] Decl. changed two wire intervals north.
4046	7	51.14	5	7	3	32.08	24	59	33.4	Tr.	247	14	
	6	48.08	3			32.16			31.1	Mer.	223	12	
4047	9	48.08	2	7	3	34. . .[7]	24	58	9.8	Mer.	223	13	[7] Separate threads give $33^{s}.94$, $25^{s}.05$.
	9	51.14	5			34.19[8]			7.8	Tr.	247	15	[8] R. A. decreased 1 min.
4048	8	47.18	1	7	3	35.68	28	12	20.2	Mu.	98	39	
4049	9	48.91	2	7	3	36.87	28	45	. . . .	Mu.	211	47	
4050	9	48.91	1	7	3	42.62	29	40	31.8	Mer.	155	49	
4051	7.8	47.10	1	7	3	43.16	27	38	33.3	Mer.	84	76	
	7	47.12	2			43.42			32.6	Mu.	94	74	
4052	9.10	47.10	1	7	4	2.13	29	37	48.4[9]	Mu.	91	59	[9] If Decl. be changed one rev. north to agree better with CoD, Decl.=36′ 45″.6.
4053	8.9	48.91	1	7	4	4.54	28	30	27.3	Mu.	211	48	
	9	49.14	2			4.56			27.3	Tr.	215	4	
	7	47.18	1			4.87			28.5	Mu.	98	40	
4054	9	48.06	1	7	4	11.42	24	6	17.2	Tr.	158	75	
4055	5.6	49.06	2	7	4	17. . .	27	14	59.9	Tr.	210	20	
	6	47.10	1			17.81			60.9	Mer.	84	77	
	8	48.01	2			17.99			58.4[10]	Mu.	152	18	[10] Decl. changed two rev. north.
	3	47.12	1			18.01			73.5[11]	Mu.	94	75	[11] If micrometer reading be assumed as 47.820 instead of 47.620 rev., as recorded, Decl.=60″.9.
	6	48.07	1			18.74			56.8	Mer.	222	5	
4056	8	48.08	1	7	4	26.31[12]	25	4	54.0	Mer.	223	14	
4057	8	48.91	1	7	4	33.29	29	48	46.2	Mer.	155	50	[12] R. A. decreased one thread interval. If instead R. A. be decreased 20 sec., R. A.=$24^{s}.26$.
	9	49.06	2			33.86			49.4[13]	Mu.	217	33	
	8	47.10	3			33.99			49.1	Mu.	91	60	
4058	9	49.15	2	7	4	33.77	31	36	. . . .	Tr.	217	40	[13] Decl. changed one rev. south.
4059	8.9	47.09	2	7	4	35.90[14]	30	51	44.8	Mer.	83	123	[14] R. A. increased 10 sec.
	9	47.19	3			35.96[15]			44.1[16]	Mu.	100	5	[15] One of four threads rejected; R. A.=$37^{s}.23$.
	9	49.15	3			36.05			44.6	Mer.	165	61	[16] Decl. changed one rev. north.
4060	9	48.91	1	7	4	36.33	29	6	20.6	Mu.	211	49	
	10	49.14	1			36.75			18.9	Tr.	215	5	
4061	. .	49.15	1	7	4	42.43	30	25	13.5	Mer.	165	62	
	7	47.09	2			43.06			12.8	Mer.	83	124	
	8.9	49.06	1			43.72[17]			11.0	Mu.	217	34	[17] "Time of transit doubtful."
4062	8	48.08	. .	7	4	44. . .	25	10	42.0	Mer.	223	15	
4063	9	48.06	1	7	4	50.03	25	40	47.6	Mer.	221	108	
4064	10	51.14	5	7	4	50.96	22	44	9.3	Tr.	248	2	
4065	8	49.14	1	7	4	56.33	21	33	30.0	Mer.	164	60	
4066	8	49.13	2	7	4	59.67	31	9	15.9	Mu.	228	30	
	7	49.15	1			59.94			13.7	Mu.	232	38	
	8	49.06	3			59.99			12.9	Mer.	159	72	
4067	9	48.06	1	7	5	0.03	25	38	47.2	Mer.	221	109	
4068	9	48.06	1	7	5	8.02	25	39	47.0	Mer.	221	110	
4069	9	48.06	1	7	5	17.16	23	43	30.5	Tr.	158	76	
	11	48.05	2			17.48			27.7[18]	Tr.	154	35	[18] Decl. changed one rev. south.
4070	7	47.10	1	7	5	26.19	27	29	11.4	Mer.	84	78	
	7	47.12	1			26.32			10.7[19]	Mu.	94	76	[19] Decl. changed one rev. north.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
4071	8	51.14	5	7	5	30.79	25	18	48.2	Tr.	247	16	
4072	8	49.22	4	7	5	47.12	34	8	36.9	Mer.	169	6	
4073	7	48.91	3	7	5	49.69	29	33	39.4	Mer.	155	51	
	8.9	47.10	2			49.94			41.5	Mu.	91	61	
4074	8	49.14	2	7	5	53.24	21	55	3.7[1]	Mer.	164	61	[1] Decl. changed one rev. south.
4075	9	48.91	1	7	5	57.46	28	45	28.7	Mu.	211	50	
4076	8	47.18	1	7	5	57.63	28	9	18.1	Mu.	98	41	
4077	7	47.12	1	7	6	2.51	27	5	12.8	Mu.	94	78	
	7	49.06	2			3...			11.0	Tr.	210	21	
	8	48.07	2			3.07			16.1	Mer.	222	6	
4078	4	48.06	2	7	6	3.78	25	41	40.3	Mer.	221	111	
4079	..	51.14	5	7	6	3.91	22	44	49.0	Tr.	248	3	
	10	48.05	2			4.28			51.9	Mer.	118	34	
4080	8	48.06	1	7	6	13.00	26	14	25.9	Mu.	157	53	
	9	48.06	1			13.16			23.4	Tr.	156	44	
4081	8	47.19	4	7	6	16.29[2]	30	34	25.8	Mu.	100	6	[2] R. A. increased 20 sec.
	6	49.15	3			17.41			27.6	Mer.	165	63	
	5	47.09	2			17.60[3]			24.5	Mer.	83	125	[3] One of three threads rejected; R. A. = $16^{\mathrm{s}}.88$.
4082	9	48.06	1	7	6	18.43	25	47	23.0[4]	Mer.	221	112	[4] Decl. changed two wire intervals south.
4083	9	49.06	2	7	6	20.23	30	2	1.3	Mu.	217	35	
4084	..	48.07	2	7	6	21.25	27	13	32.8	Mer.	222	7	
	7	49.06	1			22...			33.2	Tr.	210	22	
	7	47.10	1			22.27			30.8	Mer.	84	79	
	6	47.12	1			22.73			31.8	Mu.	94	77	
4085	9	47.10	1	7	6	38.25	27	33	18.1	Mer.	84	80	
4086	7.8	49.15	3	7	6	42.13[5]	31	43	....	Tr.	217	41	[5] R. A. decreased one thread interval.
4087	8.9	48.06	2	7	6	48.40	23	58	45.2	Tr.	158	77	
	7	48.06	1			48.49			40.3	Mu.	156	64	
	8	48.05	2			48.49			43.0	Tr.	154	36	
4088	9	47.10	1	7	6	59.17	29	39	33.8	Mu.	91	62	
	9.10	49.06	1			59.76			32.9	Mu.	217	36	
	7	48.91	3			59.81			33.8	Mer.	155	52	
4089	8.9	48.06	1	7	7	2.44	23	56	23.3	Tr.	158	78	
	8	48.06	1			2.92[6]			18.3	Mu.	156	65	[6] R. A. increased 5 sec.
4090	6	49.23	2	7	7	5.72	36	17	42.8	Mer.	171	1	
4091	8	47.18	1	7	7	11.99	28	15	35.1	Mu.	98	42	
4092	9	47.19	2	7	7	26...[7]	30	42	47.6	Mu.	100	7	[7] Separate threads give $26^{\mathrm{s}}.72$, $25^{\mathrm{s}}.74$.
	..	49.15	2			26.15			54.1	Mer.	165	64	
	7.8	47.09	1			26.35			51.7	Mer.	83	126	
4093	8	51.14	4	7	7	27.88[8]	22	39	9.0	Tr.	248	4	[8] One of five threads rejected; R. A. = $27^{\mathrm{s}}.39$.
	8	48.05	2			27.97			8.8	Mer.	118	35	
4094	8.9	48.91	3	7	7	32.16	28	55	46.3	Mu.	211	51	
	9	49.14	2			33.12			46.8	Tr.	215	6	
4095	6	49.06	2	7	7	33...	27	6	12.7	Tr.	210	23	
	7	48.07	2			33.75			14.8	Mer.	222	8	
	6	47.12	1			34.00			6.7	Mu.	94	79	
4096	8	49.22	2	7	7	36.63	33	31	56.7	Mer.	169	7	
4097	7	48.05	1	7	7	45.04	23	25	45.5	Tr.	154	37	
4098	..	49.15	1	7	7	45.39	30	43	43.0	Mer.	165	65	
	9	47.09	1			45.92			48.3	Mer.	83	127	
4099	8	47.18	1	7	7	45.50	28	21	23.1	Mu.	98	43	
4100	9	48.07	1	7	7	50.35	27	2	28.6	Mer.	222	9	
4101	10	48.06	1	7	7	50.82	26	11	25.2	Tr.	156	45	
4102	8	48.06	1	7	7	52.83	25	51	22.3	Mer.	221	113	
4103	11	49.14	1	7	8	0.41	21	42	54.6	Mer.	164	62	
4104	6	49.15	1	7	8	0.84	30	49	47.2	Mer.	165	66	
	8.9	47.19	2			1.14[9]			47.4	Mu.	100	8	[9] One of three threads rejected; R. A. = $0^{\mathrm{s}}.17$.
	6	47.09	2			1.18			41.8	Mer.	83	128	
4105	9	49.15	2	7	8	6.40	31	58	....	Tr.	217	42	
4106	7.8	49.06	3	7	8	7.68	30	5	4.3	Mu.	217	37	
4107	6	48.06	2	7	8	8.27	26	5	52.6	Tr.	156	46	
	4	48.06	1			9.22			49.7	Mu.	157	54	
4108	8	49.22	1	7	8	8.30	33	24	25.7	Mer.	169	8	
4109	8	51.14	5	7	8	10.46[10]	22	41	14.3	Tr.	248	5	[10] Four threads increased 1 sec. each.
4110	9	47.18	1	7	8	10.59	28	15	52.4	Mu.	98	44	
4111	7	47.12	1	7	8	14.59	27	28	7.4	Mu.	94	80	
	8.9	47.10	1			14.75			8.8	Mer.	84	81	
4112	9	47.10	2	7	8	16.37	29	40	23.4	Mu.	91	63	
	8	48.91	2			17.06			28.4	Mer.	155	53	
4113	7	47.12	1	7	8	16.64	27	54	88.9[11]	Mu.	94	81	[11] If micrometer reading be assumed as 9.857 instead of 9.257 rev., as recorded, Decl. = 51″.2.
	8	47.10	1			17.44			50.6	Mer.	84	82	
4114	8	49.15	2	7	8	18.50	31	23	13.3	Mu.	232	39	
	8	49.06	4			18.99			12.5	Mer.	159	73	
	7	49.13	3			19.02			12.8	Mu.	228	31	
4115	8	48.08	1	7	8	21.28	24	40	52.2	Mer.	223	17	
4116	8	51.14	5	7	8	23.17	25	2	47.7	Tr.	247	17	
	8	48.08	4			23.27			45.4	Mer.	223	16	
	8	47.93	4			23.37			48.2	Tr.	150	1	
4117	10	49.14	2	7	8	35.94	21	37	56.6	Mer.	164	63[12]	[12] "Second of double."
4118	9	48.06	1	7	8	40.11	24	6	5.5	Tr.	158	79	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
4119	4	49.06	2	7	8	43...	26	30	61.0	Tr.	210	24	
	4	48.06	2			43.13			56.8	Mu.	157	55	
	4.5	48.06	2			43.40			54.1	Tr.	156	47	
4120	..	48.07	1	7	8	46.77	26	46	45.0	Mer.	222	10	
	5.6	49.06	1			47...			44.5	Tr.	210	25	
4121	7	47.09	1	7	8	49.68	30	24	2.6	Mer.	83	129	
4122	7	49.13	2	7	8	50...[1]	31	14	11.2	Mu.	228	32	[1] Separate threads give $51^{s}.19$, $49^{s}.76$.
	8	49.15	1			50.04			12.9	Mu.	232	40	
	8	49.06	3			50.08[2]			7.1	Mer.	159	74	[2] One thread increased 10 sec.
4123	8.9	48.91	3	7	8	59.14	28	42	22.1	Mu.	211	52	
	9	49.14	2			59.26			23.0	Tr.	215	7	
4124	9	49.06	2	7	9	14.36	29	55	58.2	Mu.	217	38	
4125	8	48.06	2	7	9	14.96	25	39	59.9	Mer.	221	114	
4126	8	48.06	1	7	9	15.15	23	26	44.9	Mu.	156	66	
	9	48.06	1			15.39			51.2	Tr.	158	80	
4127	8	47.18	1	7	9	21.13	28	6	16.4	Mu.	98	45	
4128	6	48.06	1	7	9	29.66	23	28	43.1	Mu.	156	67	
	7	48.05	2			29.71			49.1	Tr.	154	38	
	8.7	48.06	1			29.77			47.3[3]	Tr.	158	81	[3] Decl. changed one wire interval north.
4129	7	47.19	3	7	9	32.95	30	25	39.2	Mu.	100	9	
	5	47.09	1			33.17[4]			37.7	Mer.	83	130	[4] R. A. decreased two thread intervals.
4130	8	49.06	1	7	9	36.87	31	40	40.8	Mer.	159	75	
4131	9	48.06	1	7	9	37.91	25	29	52.4	Mer.	221	115	
4132	7	47.12	1	7	9	50.72	27	11	5.6	Mu.	94	82	
4133	8	48.06	1	7	10	0.21	26	33	41.5	Mu.	157	56	
	8	48.07	1			0.31			41.5	Mer.	222	11	
	9	48.06	1			0.86			41.4	Tr.	156	48	
4134	9	47.10	2	7	10	6.55	29	13	52.2	Mu.	91	64	
	9	48.91	4			6.80			51.2	Mer.	155	54	
4135	11	49.14	2	7	10	6.92	22	0	1.0	Mer.	164	64	
4136	8	49.23	2	7	10	8.38	36	18	1.0	Mer.	171	2	
4137	8.9	49.06	2	7	10	17...[5]	30	10	21.1	Mu.	217	40	[5] Separate threads give $16^{s}.71$, $17^{s}.98$.
4138	9	49.06	1	7	10	17.87	29	52	11.5	Mu.	217	39	
4139	7	48.06	1	7	10	18.61	23	33	42.1	Mu.	156	68	
	8	48.05	1			19.13			55.3	Tr.	154	39[6]	[6] See note on No. 4180_1.
4140	9	51.14	5	7	10	19.48	22	32	58.9	Tr.	248	6	
	9	48.05	3			19.83[7]			54.5[8]	Mer.	118	36	[7] R. A. increased 1 min.
4141	9	47.10	1	7	10	21.57	27	29	58.9	Mer.	84	83	[8] Decl. changed one rev. south.
4142	8	49.13	1	7	10	24.63	31	0	40.5	Mu.	228	33	
4143	9	48.06	1	7	10	32.65	23	49	46.6	Tr.	158	82	
4144	5	47.12	1	7	10	34.05	27	37	9.5	Mu.	94	83	
	5	47.10	2			34.18			12.5	Mer.	84	84	
4145	8	49.22	3	7	10	35.23	34	3	23.1	Mer.	169	9	
4146	7.8	49.15	3	7	10	37.19	31	46	....	Tr.	217	43	
4147	8	47.93	4	7	10	38.15	24	53	42.0	Tr.	150	2	
	8	51.14	5			38.21			39.8	Tr.	247	18	
	7	48.08	4			38.29			38.4[9]	Mer.	223	18	[9] Decl. changed one rev. north.
4148	8	48.91	2	7	10	38.27	29	40	26.8	Mer.	155	55	
4149	8	49.06	1	7	10	41.70	31	1	16.3	Mer.	159	76	
4150	9	47.12	1	7	10	43.88	27	32	62.3	Mu.	94	84	
	9	47.10	1			44.23[10]			59.3	Mer.	84	85	[10] R. A. decreased one thread interval.
4151	9	48.06	1	7	10	54.51	24	5	11.0	Tr.	158	83	
4152	9	49.06	1	7	10	56.97	30	2	22.8	Mu.	217	41	
4153	8	47.10	2	7	11	6...[11]	29	27	50.8	Mu.	91	65	[11] Separate threads give $5^{s}.75$, $6^{s}.59$.
	7	48.91	2			6.39			52.4	Mer.	155	56	
4154	10	48.05	2	7	11	9.08	22	26	25.7[12]	Mer.	118	37	[12] Decl. changed two wire intervals north.
	9	51.15	5			9.30			26.9	Tr.	249	1	
4155	9	48.06	2	7	11	9.27	25	30	29.3[13]	Mer.	221	116	[13] Decl. changed five rev. south.
4156	8	47.21	4	7	11	9.43	30	37	49.6	Mu.	101	1	
	7	47.09	2			9.66			47.2	Mer.	83	131	
	6	49.15	1			9.93[14]			48.5	Mer.	165	68	[14] R. A. increased 1 min.
4157	8.7	47.18	2	7	11	9.44	28	20	4.4	Mu.	98	46	
4158	7	49.15	2	7	11	9.55[15]	30	38	29.1	Mer.	165	67	[15] R. A. increased 1 min.
4159	9.10	49.14	1	7	11	20.47	28	46	39.2	Tr.	215	8	
	8	48.91	3			20.59			39.8	Mu.	211	53	
4160	9	51.14	5	7	11	21.06	22	54	58.3	Tr.	248	7	
4161	9	49.22	1	7	11	22.29	34	7	54.7	Mer.	169	10	
4162	8	48.91	2	7	11	26.61	28	51	49.7	Mu.	211	54	
4163	7	49.23	3	7	11	29.10[16]	36	19	37.7	Mer.	171	3	[16] One thread increased 10 sec.
4164	10	51.14	5	7	11	29.56	22	55	25.2[17]	Tr.	248	8	[17] Two transit threads increased 1 sec. each.
4165	10	48.06	1	7	11	35.25	26	24	27.5	Tr.	156	49	
4166	8	48.06	2	7	11	38.23	25	43	10.3	Mer.	221	117	
4167	10	49.14	2	7	11	40.45	21	58	18.0	Mer.	164	65	
4168	6	48.06	1	7	11	41.97[18]	26	31	45.9	Mu.	157	57	[18] R. A. increased 10 sec.
	7	49.06	2			42...			50.1	Tr.	210	26	
	6	48.06	2			42.31			46.2	Tr.	156	50	
	7	48.07	2			42.56			43.5[19]	Mer.	222	12	[19] Decl. changed ten rev. north.
4169	6	49.14	3	7	11	48.82	22	4	13.5	Mer.	164	66	
4170	8.9	47.18	1	7	11	49.65	28	1	4.1	Mu.	98	47	
4171	9	47.10	1	7	11	49.78	29	29	59.8	Mu.	91	66	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
4172	10	49.15	2	7	11	53.11	31	50	....	Tr.	217	44	
4173	8	49.06	1	7	12	9.09	31	25	20.0	Mer.	159	77	
	8	49.13	1			9.39			23.0	Mu.	228	34	
	9	49.15	1			9.40			18.6	Mu.	232	41	
	10	49.13	1			9.40			24.7	Mu.	226	44	
4174	8.9	48.91	1	7	12	10.61	28	40	20.0	Mu.	211	55	
4175	9	49.06	1	7	12	14.68	30	11	3.1	Mu.	217	42	
4176	7	49.15	2	7	12	14.84	30	40	9.8	Mer.	165	69	
	9	47.21	3			15.36			9.5	Mu.	101	2	
	8.9	47.09	1			15.50			9.0[1]	Mer.	83	132	[1] Decl. changed one rev. north.
4177	8	47.10	2	7	12	24.31	29	36	54.2	Mu.	91	67	
	8	48.91	3			24.54			54.8	Mer.	155	57	
4178	5	47.93	2	7	12	29.22	24	41	3.4	Tr.	150	3	
	4	48.08	3			29.40			0.0	Mer.	223	19	
4179	9	47.10	1	7	12	35.18	27	28	14.5	Mer.	84	86	
4180	9	48.05	3	7	12	40.12	23	30	14.8	Tr.	154	40_1[2]	[2] Threads II, III, and IV recorded on Tr. 154, No. 39 assumed to belong to Tr. 154, No. 40, and the two threads recorded on Tr. 154, No. 40 are assumed to belong to micrometer record VII, 5, 10.41 which was thrown away, giving what is reduced as Tr. 154, No. 40_2.
	8	48.06	1			40.24			16.7	Mu.	156	69	
	8.9	48.06	1			40.29			12.2	Tr.	158	84	
4181	9	48.07	1	7	12	41.62	26	40	53.6	Mer.	222	13	
4182	5	48.06	1	7	12	44.79[3]	26	18	50.9	Mu.	157	58	
	5	48.06	2			44.99			50.0	Tr.	156	51	
4183	6	49.15	2	7	12	44.89	30	31	41.7	Mer.	165	70	[3] R. A. increased 5 sec.
	7	47.09	1			45.36[4]			38.0	Mer.	83	133	[4] R. A. decreased 1 min.
	8	47.21	2			45.53[5]			38.2[6]	Mu.	101	3	[5] One of three threads rejected; R. A. = $44^s.79$.
4184	7	49.15	1	7	12	50.71	32	4	....	Tr.	217	45	[6] Decl. changed five rev. south.
4185	8.9	47.10	1	7	12	53.07	27	37	19.1	Mer.	84	87	
	9	47.12	1			53.99			19.4	Mu.	94	85	
4186	9	49.14	1	7	12	55.36	21	46	36.5	Mer.	164	67[7]	[7] "Close double."
4187	7	49.06	1	7	12	57.10	30	57	15.6	Mer.	159	78	
	7	49.13	2			57.51			15.0	Mu.	228	35	
	9	49.15	1			57.52			16.8	Mu.	232	42	
	9	49.13	2			57.63			17.9	Mu.	226	45	
	8	47.09	1			58.15			18.0[8]	Mer.	83	134	[8] Decl. changed ten rev. north.
4188	7	51.14	..	7	12	58...	21	11	54.1	Mer.	229	1	
4189	6	49.23	2	7	12	58.21	36	27	48.5[9]	Mer.	171	4	[9] Decl. changed one rev. south.
4190	9	51.14	5	7	12	58.27	25	14	41.9	Tr.	247	20	
4191	8	51.14	5	7	12	59.08	25	17	36.5	Tr.	247	19	
	7	48.06	2			59.35			35.5	Mer.	221	118	
4192	6	47.93	3	7	12	59.47	24	41	3.1	Tr.	150	4	
	8	48.08	2			59.80			....	Mer.	223	20	
4193	8	48.91	2	7	13	15.01[10]	28	44	22.2	Mu.	211	56	[10] One of three threads rejected; R. A. = $14^s.23$.
	10	49.14	1			15.09			21.4	Tr.	215	9	
4194	6	49.23	2	7	13	18.38	36	28	17.2	Mer.	171	5	
4195	9	48.06	1	7	13	33.64	26	17	50.6	Tr.	156	52	
4196	9	48.06	1	7	13	34.64	23	47	31.5	Tr.	158	85	
	10	48.05	2			34.69			29.0	Tr.	154	40_2[11]	[11] See note on No. 4180_1.
4197	8	49.22	1	7	13	36.87	33	32	21.7	Mer.	169	11	
4198	6	49.22	3	7	13	38.83	33	27	12.0	Mer.	169	12	
4199	9	47.12	1	7	13	42.25	27	35	10.1	Mu.	94	87	
4200	8	49.22	2	7	13	46.88	33	32	18.2	Mer.	169	13	
4201	7	48.06	1	7	13	47.04	24	8	25.5[12]	Mu.	156	70	[12] Decl. changed five rev. north.
	9	48.06	1			47.18			31.3	Tr.	158	87	
4202	9	48.06	1	7	13	49.07	23	48	35.2	Tr.	158	86	
4203	8.9	47.10	1	7	13	51.37	27	40	49.1	Mer.	84	88	
	9	47.12	1			52.29			42.8	Mu.	94	86	
4204	9	48.91	2	7	13	55.46	28	44	14.8	Mu.	211	57	
4205	8	49.14	2	7	13	58.38	21	48	26.7[13]	Mer.	164	68	[13] Decl. changed one wire interval south.
4206	9	47.93	3	7	13	59.01	25	35	26.2	Mer.	215	1	
	10	48.06	2			59.03			23.6	Mer.	221	119	
4207	8.9	47.18	2	7	14	0.99	28	13	28.3	Mu.	98	48	
4208	7	49.15	1	7	14	5.02[14]	30	21	4.6	Mer.	165	71	[14] R. A. decreased 20 sec. If instead R. A. be decreased one thread interval, R. A. = $6^s.37$.
	9	49.06	2			5.51			1.1	Mu.	217	43	
4209	9	47.09	1	7	14	5.71	30	17	59.4[15]	Mer.	83	135	[15] If Decl. be changed one rev. south to agree with CPD − 30°1619, Decl. = 18′ 33″.9.
4210	9	49.06	1	7	14	11.46	29	56	53.9	Mu.	217	44	
4211	9	48.08	2	7	14	22.76[16]	24	53	53.3	Mer.	223	21	[16] R. A. increased 1 min.
	9	51.14	5			23.27			51.6	Tr.	247	21	
4212	9	48.91	1	7	14	23.85	29	3	43.8	Mu.	211	58	
	8	48.91	2			24.30[17]			43.0	Mer.	155	58	[17] R. A. increased 1 min.
4213	..	51.14	4	7	14	25.82[18]	21	17	55.1	Mer.	229	2	[18] One of five threads rejected; R. A. = $26^s.25$.
4214	7.8	48.06	1	7	14	26.62	26	25	28.1	Tr.	156	53	
	6	48.06	1			26.67			27.0	Mu.	157	59	
4215	10	49.15	1	7	14	30.52[19]	30	55	46.7	Mu.	232	43	[19] R. A. increased one thread interval.
	8	49.06	1			31.24			48.9	Mer.	159	80	
4216	8	51.14	5	7	14	31.37	22	34	20.6	Tr.	248	9	
	7	51.15	5			31.43			20.1	Tr.	249	2	
	8	48.05	4			31.49			18.0	Mer.	118	38	
4217	9	49.06	3	7	14	39.73	31	22	36.8	Mer.	159	79	
	9.10	49.13	3			39.83			42.9	Mu.	226	46	
	8	49.13	1			39.84			39.0	Mu.	228	36	
4218	6.7	49.06	2	7	14	49...	26	41	9.3	Tr.	210	27	
	7	48.06	1			49.30			10.8	Tr.	156	54	
	7	48.07	7			49.66			8.0	Mer.	222	14	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
4219	9	48.06	1	7	14	54.22	25	50	13.7	Mer.	221	121	
4220	5	48.06	3	7	14	54.84	25	36	47.2	Mer.	221	120	
	6	47.93	3			54.84			47.3	Mer.	215	2	
	7.8	48.08	2			54.88			48.7[1]	Tr.	161	1	[1] Decl. changed one wire interval south.
4221	9.10	47.18	1	7	14	55.69	27	52	20.2	Mu.	98	49	
	8.9	47.10	1			56.18			20.7	Mer.	84	89	
4222	7	48.91	3	7	14	56.93	29	35	5.2	Mer.	155	59	
	8.9	47.10	4			57.17			4.2	Mu.	91	68	
4223	8	49.22	1	7	15	4.60	33	53	30.2	Mer.	169	14	
4224	9	49.15	1	7	15	7.04	31	45	....	Tr.	217	46	
4225	8.9	47.09	1	7	15	15.41	30	35	12.6	Mer.	83	136	
	7	49.15	1			16.07			10.3[2]	Mer.	165	72	[2] Decl. changed five rev. north.
4226	8	49.22	2	7	15	15.74	33	53	43.3	Mer.	169	15	
4227	8	49.22	1	7	15	18.18	34	2	48.8	Mer.	169	16	
4228	6	48.06	1	7	15	24.73	23	57	2.8[3]	Mu.	156	71	[3] Decl. changed five rev. south.
	9	48.05	2			24.93			5.4	Tr.	154	41	
	7.8	48.06	1			25.02			4.2	Tr.	158	88	
4229	7	47.10	2	7	15	28.16	27	54	36.2	Mer.	84	90	
	9	47.12	2			28.32			44.0[4]	Mu.	94	88	[4] Micrometer reading, 10.0 rev., probably given only approximately.
	7	47.18	2			28.53			39.3	Mu.	98	50	
4230	9	47.93	1	7	15	31.65	25	37	17.4	Mer.	215	3	
4231	9	48.06	1	7	15	34.27	23	30	48.2	Tr.	158	90	
4232	9	49.06	1	7	15	35.69	30	12	27.1	Mu.	217	45	
	8	47.07	1			35.80			29.7	Mu.	88	69	
4233	7	49.22	1	7	15	38.36	33	58	33.3	Mer.	169	17	
4234	9.10	47.10	2	7	15	41.30[5]	29	49	24.7	Mu.	91	69	[5] R. A. should probably be interchanged with that of Mu. 91, No. 70. Gou, GZ, and CPD give the northern star preceding.
	9	49.06	1			41.92			24.6	Mu.	217	46	
	8	48.91	2			42.07			25.2	Mer.	155	60	
4235	9.10	47.10	2	7	15	42.56[6]	29	45	....	Mu.	91	70	[6] One thread decreased 10 sec. The other thread "doubtful." See note on No. 4234_1.
4236	9	49.15	2	7	15	46.06	30	47	32.4[7]	Mer.	165	73	
	9	47.09	1			46.26			32.2	Mer.	83	137	[7] Decl. changed one rev. south.
4237	9	48.06	1	7	15	52.92	23	45	27.9	Tr.	158	89	
4238	7	49.22	1	7	16	1.97	33	43	41.6	Mer.	169	18	
4239	6	48.08	1	7	16	9.66[8]	24	37	16.5	Mer.	223	22	[8] R. A. increased 1 min. Assumed that thread which was originally recorded with this star and then transferred to Mer. 223, No. 23 belongs with Mer. 223, No. 22.
4240	10	48.05	3	7	16	12.12	22	51	36.0	Mer.	118	39	
4241	9	49.13	1	7	16	17.85	31	10	20.5	Mu.	228	37	
4242	9	49.15	1	7	16	27.02	31	44	....	Tr.	217	47	
4243	10	49.06	1	7	16	31...	26	51	10.8	Tr.	210	28	
	8	48.07	3			31.01[9]			13.1	Mer.	222	15	[9] R. A. increased 1 min.
4244	8	51.14	5	7	16	32.34	24	53	16.9	Tr.	247	22	
	10	47.93	3			32.51			15.9	Tr.	150	5	
	9	48.08	1			32.67			13.1	Mer.	223	23[10]	[10] See note on No. 4239.
4245	6	47.93	1	7	16	33.29	25	43	34.3	Mer.	215	4	
	7	48.08	1			33.38			35.9	Tr.	161	2	
	7	48.06	2			33.94			35.6[11]	Mer.	221	122	[11] Decl. changed one rev. north.
4246	7	51.14	..	7	16	38...	21	29	53.8	Mer.	229	4	
4247	7.8	47.18	1	7	16	39.94	28	18	2.7	Mu.	98	51	
4248	10	48.06	1	7	16	40.29	26	4	45.7	Tr.	156	55	
	8	48.06	1			41.00			45.3	Mu.	157	60	
4249	7	48.08	1	7	16	47.68	25	28	58.0	Tr.	161	3	
	6	47.93	2			47.89			57.6	Mer.	215	5	
	6	48.06	1			47.90[12]			57.1	Mer.	221	123	[12] R. A. decreased 1 min.
4250	8	49.15	1	7	16	51.20	30	57	36.5	Mer.	165	74	
	9	49.15	2			51.44			36.1	Mu.	232	44	
	7	49.13	2			51.81			36.9	Mu.	228	38	
	7	49.06	3			51.94			37.4	Mer.	159	81	
	9	49.13	2			51.99			35.7	Mu.	226	47	
	8	47.09	1			52.05			38.6	Mer.	83	138	
4251	8	49.15	1	7	16	52.43	31	45	....	Tr.	217	48	
4252	10	48.05	2	7	16	57.47	23	52	35.9	Tr.	154	42	
	9	48.06	1			57.50			33.4	Tr.	158	91	
4253	..	51.14	5	7	16	59.23	21	13	17.9[13]	Mer.	229	3	[13] Decl. changed two wire intervals north.
4254	6	48.91	2	7	17	4.00	29	27	53.2	Mer.	155	61	
4255	8	48.06	1	7	17	8.07	23	38	36.3	Mu.	156	72	
	9	48.06	1			8.64			32.8	Tr.	158	92	
4256	9	51.14	5	7	17	13.74	22	36	60.0	Tr.	248	10	
	9	51.15	4			13.95[14]			53.7	Tr.	249	3	[14] One of five threads rejected; R. A. = 14ˢ.55.
4257	9	48.05	1	7	17	16.18	24	40	3.8	Tr.	153	1	
4258	7	49.13	3	7	17	16.66	31	38	16.0	Mu.	226	48	
	4	49.06	3			16.67[15]			14.2	Mer.	159	82	[15] One of four threads rejected; R. A. = 15ˢ.63. One thread decreased 10 sec.
4259	10	48.06	1	7	17	21.53	26	16	24.6	Tr.	156	56	
4260	8	49.22	1	7	17	25.47	33	36	39.9	Mer.	169	19	
4261	6	47.10	3	7	17	26.50	27	32	50.4	Mer.	84	91	
	5.6	47.12	3			26.82			48.6	Mu.	94	89	
4262	9	48.06	1	7	17	36.44	23	38	40.4	Tr.	158	93	
4263	10	48.05	3	7	17	38.86	22	37	30.3	Mer.	118	40[16]	[16] Unidentified. Looked for with equatorial but not found.
4264	7	47.18	1	7	17	43.68	28	7	20.6	Mu	98	52	
4265	9	48.08	1	7	17	44.70	25	14	18.7	Mer.	223	24	
	8	51.14	5			44.99			16.4	Tr.	247	23	
4266	8	49.15	1	7	17	47.03	31	0	43.0	Mer.	165	75	
	8	49.15	2			47.46[17]			42.0	Mu.	232	45	[17] R. A. decreased one thread interval.
	6	49.13	2			47.50			41.6	Mu.	228	39	
	8.9	47.09	2			47.79			46.8	Mer.	83	139	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
4267	7	49.14	3	7	17	48.26	22	4	23.5	Mer.	164	69	
4268	6.7	49.15	2	7	17	48.64[1]	31	54	....	Tr.	217	49	[1] R. A. decreased 1 min.
4269	7	47.07	4	7	17	49.73	30	9	44.4	Mu.	88	70	
4270	8	48.05	2	7	17	55.10	22	37	25.4	Mer.	118	41	
	7	51.15	5			55.29			21.4	Tr.	249	4	
	7	51.14	5			55.41			21.3	Tr.	248	11	
4271	8	49.23	4	7	17	56.41	36	3	9.2	Mer.	171	6	
4272	..	49.14	2	7	17	56.47	29	0	4.1	Tr.	215	10	
	8.9	48.91	1			56.77			1.9	Mu.	211	59	
4273	8	49.06	4	7	18	2.18	29	55	42.0	Mu.	217	47	
	6	47.07	1			2.24			41.2	Mu.	88	71	
4274	..	48.07	2	7	18	4.94	26	56	50.3	Mer.	222	16	
4275	10	47.93	3	7	18	5.29	25	15	48.4	Tr.	150	6	
	9	51.14	5			5.62			41.5	Tr.	247	24	
4276	5	47.10	1	7	18	9.47[2]	29	0	49.8	Mu.	91	71_1	[2] R. A. decreased 1 min. Two threads rejected as belonging to a star 3′.5 south, the Decl. of which was not observed. See No. 4301_1.
	1	48.91	2			9.52			57.6[3]	Mer.	155	62	
	3	48.91	2			9.67[4]			47.7	Mu.	211	60	
	5	49.14	3			10.07			54.2	Tr.	215	11	[3] "Decl. bad."
4277	7	47.18	1	7	18	10.27	28	32	18.2	Mu.	98	53	[4] One of three threads rejected; R. A.=10ˢ.77.
4278	9	49.13	2	7	18	18...[5]	31	36	17.3[6]	Mu.	226	49	[5] R. A. decreased 1 min. Separate threads give 19ˢ.62, 18ˢ.21. Gou gives 19ˢ.4. CPD gives 19ˢ.1.
4279	9.8	47.10	1	7	18	23.90	27	53	27.0	Mer.	84	92	
4280	9	49.06	2	7	18	24.78	29	51	22.2	Mu.	217	48	
4281	..	48.07	1	7	18	26.02	26	55	49.1	Mer.	222	17	[6] Micrometer rev. assumed.
4282	9	48.06	1	7	18	29.44	26	23	18.4	Tr.	156	57	
	7	48.06	1			29.51			17.8	Mu.	157	61	
4283	10	51.15	5	7	18	32.15	22	35	18.2	Tr.	249	5	
4284	8	47.10	1	7	18	34.88	27	49	40.1	Mer.	84	93	
	8	47.12	1			35.26			38.1	Mu.	94	90	
4285	7	49.22	1	7	18	35.38	33	49	55.8	Mer.	169	20	
4286	9	49.15	1	7	18	37.37	30	38	6.3	Mer.	165	76	
4287	9	48.06	1	7	18	42.16	23	32	37.9	Tr.	158	95	
4288	8	48.06	1	7	18	43.19	24	8	3.0	Mu.	156	73	
	8	48.06	1			43.19			7.2	Tr.	158	94	
	10	48.05	2			43.24			4.4	Tr.	154	43	
4289	7	49.22	1	7	18	48.87	33	59	14.8	Mer.	169	21	
4290	6	49.14	2	7	18	54.39	21	41	23.1	Mer.	164	70	
4291	7	49.22	1	7	18	54.77	34	3	56.1	Mer.	169	22	
4292	10	49.15	1	7	18	55.87	30	48	5.8	Mer.	165	77	
4293	9	49.13	1	7	18	56.28[7]	31	29	32.2	Mu.	226	50	[7] R. A. increased 1 min.
	9	49.15	1			56.43[8]			26.8	Mu.	232	47	[8] R. A. increased one thread interval.
	7	49.06	3			56.49			27.7	Mer.	159	83	
4294	8	49.13	1	7	18	58.44	31	30	62.1	Mu.	226	51	
	5	49.13	1			58.69			58.1	Mu.	228	40	
	6	49.06	3			58.85			62.5	Mer.	159	84	
	6	49.15	1			59.10			60.0[9]	Mu.	232	46	[9] Decl. changed one rev. south.
4295	8.9	47.09	1	7	19	5.64	30	32	51.9	Mer.	83	140	
4296	6	47.93	2	7	19	12.08	24	55	24.0	Tr.	150	7	
	6	48.08	3			12.27			24.8[10]	Mer.	223	25	[10] Decl. changed one rev. north.
4297	10	48.91	1	7	19	12.53	28	56	31.4	Mu.	211	61	
4298	8	47.12	1	7	19	15.24	27	53	36.0	Mu.	94	91	
	8.9	47.18	1			15.39			38.1	Mu.	98	54	
	7.8	47.10	1			16.43			31.6[11]	Mer.	84	94	[11] Micrometer reading doubtful.
4299	10	51.15	5	7	19	23.57	22	33	53.2	Tr.	249	6	
4300	6	48.06	1	7	19	26.21	26	19	51.2	Mu.	157	62	
	8	48.06	2			26.27			48.8	Tr.	156	58	
4301	..	47.10	2	7	19	26...[12]	29	4	....	Mu.	91	71_2	[12] Separate threads give 26ˢ.53, 27ˢ.43. See note on No. 4276_1.
	10	48.91	1			26.93			16.6	Mu.	211	62	
	..	48.91	2			27.04			15.8	Mer.	155	63	
4302	9	49.06	1	7	19	27.67	30	10	43.7	Mu.	217	49	
4303	9	48.08	2	7	19	29.37[13]	25	46	7.2	Tr.	161	4	[13] R. A. increased one thread interval.
	10	47.93	2			29.47[14]			1.6	Mer.	215	6	[14] One of three threads rejected; R. A.=28ˢ.49.
4304	9	49.14	2	7	19	44.52	21	55	24.3	Mer.	164	71	
4305	10	49.15	2	7	19	55.09	32	12.	....	Tr.	217	50	
4306	5	49.15	1	7	19	57.31	31	26	36.2	Mu.	232	48	
	6	49.06	1			57.59			36.0	Mer.	159	85	
	5	49.13	1			57.63			34.7	Mu.	228	41	
4307	8	48.06	2	7	19	58.47	26	29	40.9	Tr.	156	59	
	7	48.06	1			58.51			42.0	Mu.	157	63	
4308	9	47.93	2	7	20	1.88	25	56	22.0	Mer.	215	7	
4309	..	48.07	2	7	20	14.83	26	44	....	Mer.	222	18	
4310	8	47.18	1	7	20	14.89	27	51	58.4	Mu.	98	55	
	7.8	47.10	1			15.17			57.2	Mer.	84	95	
	8	47.12	1			15.25			56.3	Mu.	94	92	
4311	8	47.07	1	7	20	16.92	29	58	47.0	Mu.	88	72	
	9	49.06	2			17.11[15]			42.5	Mu.	217	50	[15] One thread increased 10 sec.
4312	9	48.05	3	7	20	17.01	22	47	8.8	Mer.	118	42	
	9	51.14	5			17.14			6.2	Tr.	248	12	
4313	6	48.06	2	7	20	21.47	23	24	54.9	Mu.	156	74	
	8	48.06	1			21.55			56.1	Tr.	158	96	
	7	48.05	2			21.60			60.4	Tr.	154	44	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
4314	9	48.06	1	7	20	23.97	24	10	0.1	Tr.	158	97	
4315	7	49.06	2	7	20	24. . . [1]	31	20	52.3	Mer.	159	86	[1] R. A. increased 1 min. Separate threads give $24^{s}.58$, $23^{s}.62$.
	6	49.13	2			24.19			47.7	Mu.	228	42	
	7	49.15	1			24.50			52.2	Mu.	232	49	
	8	49.13	1			24.53			48.1	Mu.	226	52	
4316	9	48.06	1	7	20	32.30	26	12	51.6	Tr.	156	60	
4317	. .	51.14	4	7	20	34.14 [2]	21	18	54.7	Mer.	229	5	[2] One of five threads rejected; R. A.=$34^{s}.62$.
4318	7	51.14	5	7	20	37.92	22	47	16.4 [3]	Tr.	248	13	[3] One transit thread rejected; Decl.=0″.8.
4319	8	48.05	2	7	20	37.96	22	44	22.4	Mer.	118	43	
4320	9.10	48.91	1	7	20	43.14	28	31	57.8	Mu.	211	63	
4321	9	48.91	2	7	20	57.91	29	11	19.4 [4]	Mer.	155	64	[4] Decl. changed one wire interval south.
4322	. .	51.14	5	7	20	59.59	21	20	17.7	Mer.	229	6	
4323	8	51.23	3	7	21	4.89	20	50	44.7	Mer.	235	1	
4324	9	48.06	1	7	21	4.97	23	38	30.6	Tr.	158	98	
4325	9	49.22	2	7	21	6.85	33	51	45.3	Mer.	169	23	
4326	9	49.15	2	7	21	7.63	31	54	. . . .	Tr.	217	51	
4327	6	49.22	2	7	21	7.80 [5]	33	50	31.7	Mer.	169	24	[5] One thread decreased 10 sec.
4328	9	49.15	2	7	21	8.63 [6]	30	28	19.5	Mer.	165	78	[6] R. A. increased 1 min.
4329	9.10	48.05	2	7	21	17.14	24	44	47.3	Tr.	153	2	
	8	47.93	3			17.21 [7]			50.6	Tr.	150	8	[7] R. A. decreased 1 min.
4330	8	48.05	1	7	21	19.31	22	33	. . . .	Mer.	118	44	
	7	51.15	5			20.15			32.0	Tr.	249	7	
4331	8	49.14	2	7	21	26.61	21	34	39.2	Mer.	164	72	
4332	8	49.22	1	7	21	27.21	34	1	7.7	Mer.	169	25	
4333	7	49.22	1	7	21	28.10	34	0	58.5	Mer.	169	26	
4334	9	47.93	2	7	21	32.32 [8]	25	56	2.3	Mer.	215	8	[8] One of three threads rejected; R. A.=$31^{s}.57$.
	10	48.08	2			32.44			4.0	Tr.	161	5	
	8	48.06	3			32.57			2.3	Mer.	221	124	
4335	7	51.15	5	7	21	35.07	23	11	12.7	Mer.	230	1	
4336	9	51.23	5	7	21	37.20	20	54	2.9	Mer.	235	2	
4337	7	49.06	1	7	21	38.17	31	23	18.8	Mer.	159	87	
	10	49.13	1			38.89			15.5 [9]	Mu.	226	53	[9] Decl. changed two rev. south.
4338	9.10	47.10	1	7	21	43.82	29	13	37.9	Mu.	91	72	
4339	7	47.18	1	7	21	49.08	28	4	8.2	Mu.	98	56	
4340	5	48.06	1	7	21	54.73	26	32	12.2	Mu.	157	64	
	7	48.06	2			54.76			9.0	Tr.	156	61	
4341	9	47.10	1	7	21	59.46	27	32	34.2	Mer.	84	96	
4342	9	47.18	1	7	22	0.10	28	10	31.0	Mu.	98	57	
4343	9	48.06	1	7	22	1.16	23	52	0.7	Tr.	158	99	
4344	8	48.06	1	7	22	1.87 [10]	23	49	8.6	Mu.	156	75	[10] Minute assumed.
	8	48.06	1			2.37			7.7	Mu.	156	76	
4345	7	49.14	2	7	22	1.90	28	51	10.3	Tr.	215	12	
	7.8	48.91	2			1.91			11.4	Mu.	211	64	
4346	10	48.06	1	7	22	4.34	26	8	6.9	Tr.	156	62	
4347	. .	51.15	5	7	22	8.90	23	2	17.0 [11]	Mer.	230	2	[11] Decl. changed three wire intervals north.
4348	8	47.93	2	7	22	9.97	24	49	28.1	Tr.	150	9	
	10	48.05	1			10.05			27.7	Tr.	153	3	
4349	8	48.91	2	7	22	13.52	29	19	14.2	Mer.	155	65	
	9.10	47.10	2			13.81			15.2	Mu.	91	73	
4350	6	51.14	5	7	22	14.39	21	29	58.3	Mer.	229	7	
4351	9.10	48.91	1	7	22	26.84	28	46	48.5	Mu.	211	65	
4352	9	51.15	5	7	22	32.28	22	50	43.7	Tr.	249	8	
	9	51.14	5			32.35			44.8 [12]	Tr.	248	14	[12] One transit thread rejected; Decl. =56″.4.
	10	48.05	1			32.42 [13]			49.6	Mer.	118	45	[13] R. A. decreased 1 min.
4353	8.9	47.10	1	7	22	39.23	27	35	50.5	Mer.	84	97	
	8	47.12	2			39.32			45.3	Mu.	94	93	
4354	7.8	49.14	1	7	22	42.82	28	48	45.9	Tr.	215	13	
	8	48.91	1			43.06			43.9	Mu.	211	66	
4355	9	47.10	1	7	22	51.75	29	12	12.9	Mu.	91	74	
	7	48.91	2			51.94			13.4	Mer.	155	66	
4356	7	49.14	1	7	22	55.64	21	33	44.5	Mer.	164	73	
4357	8	51.15	3	7	23	1.73 [14]	23	13	1.8	Mer.	230	3	[14] R. A. increased 10 sec. No chronograph tape found.
4358	9	48.06	1	7	23	4.16	23	37	0.2	Tr.	158	100	
4359	7	49.15	3	7	23	5.20	31	32	. . . .	Tr.	217	52	
	8.9	49.13	4			5.46			32.4	Mu.	226	54	
	6	49.06	2			5.67 [15]			35.8	Mer.	159	88	[15] One of three threads rejected; R. A.=$4^{s}.95$. "First of double."
	6	49.15	2			5.71			32.3	Mu.	232	50	
4360	9	49.15	1	7	23	5.71	31	32	29.1	Mu.	232	51	
	9.10	49.13	3			6.31			27.1	Mu.	226	55	
4361	5	49.06	2	7	23	17.52	31	8	58.3	Mer.	159	39	
4362	7	47.07	3	7	23	23.43	30	20	14.2	Mu.	88	73	
	8.9	49.06	3			23.45			15.0	Mu.	217	51	
	8	47.09	3			23.50			14.5	Mer.	83	141	
	9	47.21	2			23.64			13.3	Mu.	101	4	
	8	49.15	4			23.87			16.0	Mer.	165	79	
4363	8	51.23	4	7	23	25.78	20	29	19.6	Mer.	235	3	
4364	9	48.06	1	7	23	28.04	23	41	43.8	Tr.	158	101	
4365	7	51.15	5	7	23	28.91	22	42	57.7	Tr.	249	9	
	7	51.14	4			29.08 [16]			53.9	Tr.	248	15	[16] One of five threads rejected; R. A.=$27^{s}.95$.
	8	48.05	3			29.10 [17]			54.8	Mer.	118	46	[17] R. A. decreased 1 min.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
4366	10	48.06	2	7	23	30. . .[1]	25	34	23.1	Mer.	221	125	[1] R. A. increased 1 min. Separate threads give 30^{s}.66, 28^{s}.40.
	10	47.93	3			30.12			21.2	Mer.	215	9	
4367	10	48.91	1	7	23	31.96	28	26	6.0	Mu.	211	67	
4368	10	48.06	1	7	23	39.39[2]	25	49	54.0	Mer.	221	126	[2] R. A. increased 1 min.
4369	10	48.06	1	7	23	41.90[3]	25	45	. . . .	Mer.	221	127	[3] R. A. increased 1 min.
	10	47.93	1			42.20			35.5	Mer.	215	10	
4370	8	49.22	2	7	23	42.42	33	51	48.1	Mer.	169	27	
4371	9.10	49.06	1	7	23	42.45	29	57	5.7	Mu.	217	52	
4372	8	48.91	1	7	23	44.17[4]	29	31	10.0	Mer.	155	67	[4] R. A. decreased one thread interval.
4373	7	47.93	3	7	23	47.89	24	50	13.5	Tr.	150	10	
	9	48.05	2			48.15			12.2	Tr.	153	4	
4374	9.10	49.06	1	7	23	49.91	29	52	57.4	Mu.	217	53	
4375	8	51.15	5	7	23	52.14	23	11	12.1[5]	Mer.	230	4	[5] Horizontal wire assumed.
4376	. .	51.15	5	7	23	55.36	22	58	41.8	Mer.	230	5	
4377	. .	51.23	5	7	23	56.20	20	29	52.9	Mer.	235	4	
4378	9	49.14	1	7	23	58.10	28	36	28.8	Tr.	215	14	
4379	7	51.14	5	7	24	1.98	21	15	8.2	Mer.	229	8	
4380	8	49.23	4	7	24	7.76	36	22	32.7	Mer.	171	7	
4381	8	51.14	5	7	24	10.09	21	17	23.0	Mer.	229	9	
4382	10	49.15	1	7	24	23.88	32	2	. . . .	Tr.	217	53	
4383	8	47.18	1	7	24	26.34	28	32	26.3	Mu.	98	58	
	9	48.91	2			26.84			23.0	Mu.	211	68	
	9	49.14	1			26.84			26.9	Tr.	215	15	
4384	9	47.18	1	7	24	30.31[6]	28	31	30.6	Mu.	98	59	[6] R. A. decreased one thread interval.
	9	48.91	1			30.87			31.2	Mu.	211	69	
4385	9	48.07	2	7	24	36.44	26	40	26.6	Mer.	222	19	
4386	7.8	47.12	2	7	24	43.89[7]	27	47	5.1	Mu.	94	94	[7] Separate threads give 43^{s}.53, 44^{s}.25.
	8	47.10	2			43.91			6.9	Mer.	84	98	
4387	7.8	47.12	2	7	24	43.98	27	48	35.0	Mu.	94	95	
	8	47.10	1			44.13			35.2	Mer.	84	99	
4388	8	49.14	1	7	24	44.26[8]	21	34	24.8	Mer.	164	74	[8] R. A. increased 1 min.
4389	9	48.91	2	7	24	48.26	29	34	56.2	Mer.	155	68	
4390	9	47.18	1	7	24	50.36	28	26	6.4	Mu.	98	60	
4391	7	47.21	4	7	24	52.62	30	38	60.3	Mu.	101	5	
	4	47.09	5			52.69			58.8	Mer.	83	142	
	3	49.15	7			52.74			64.3	Mer.	165	80	
4392	9	48.06	1	7	24	54.84	23	31	18.5	Tr.	158	102	
4393	7	49.22	2	7	24	58.48[9]	33	46	43.9	Mer.	169	28	[9] One of three threads rejected; R. A.=57^{s}.70.
4394	8	49.22	1	7	25	3.01	33	33	52.3[10]	Mer.	169	29	[10] Decl. changed one rev. south.
4395	8	47.07	1	7	25	6.05	30	13	35.5	Mu.	88	74	
4396	. .	51.15	4	7	25	7.46[11]	22	47	27.9[12]	Mer.	230	6	[11] One of five threads rejected; R. A.=7^{s}.86.
4397	9	48.06	2	7	25	11.30[13]	25	48	28.7	Mer.	221	129	[12] Decl. changed one rev. south.
4398	10	48.07	2	7	25	15.97	27	5	52.2	Mer.	222	20	[13] R. A. decreased two thread intervals.
4399	8	49.14	1	7	25	18.00[14]	21	40	31.6	Mer.	164	75	[14] R. A. increased 1 min.
4400	. .	51.23	5	7	25	20.71	20	36	. . . .	Mer.	235	6[15]	[15] "Same star. Fine double." Assumed to be two observations of the same component.
	8	51.23	5			20.73			55.0	Mer.	235	5[15]	
4401	8	47.07	1	7	25	23.45[16]	30	12	16.8	Mu.	88	75	[16] R. A. increased one thread interval.
	9	49.06	1			24.01			16.4	Mu.	217	55	
4402	8	51.14	4	7	25	23.99[17]	21	10	41.4	Mer.	229	10	[17] One of five threads rejected; R. A.=23^{s}.59.
4403	8	47.07	2	7	25	27.10	30	5	20.5	Mu.	88	76	
	9	49.06	2			27.58			20.6	Mu.	217	54	
4404	8	48.06	1	7	25	28.99	26	12	3.0[18]	Mu.	157	65	[18] Decl. changed ten rev. north.
	9	48.06	2			29.03			0.0	Tr.	156	63	
4405	9	48.06	1	7	25	31.43	26	32	34.0[19]	Mu.	157	66	[19] Micrometer rev. assumed.
4406	10	49.06	1	7	25	33. . .	26	35	11.0	Tr.	210	29	
	9	48.06	1			33.40			9.2	Tr.	156	64	
4407	9	51.15	5	7	25	35.23	22	36	5.3	Tr.	249	10	
4408	9	47.93	2	7	25	35.39	25	18	57.6	Mer.	215	11	
4409	11	48.06	2	7	25	38.99	25	47	7.2	Mer.	221	128	
4410	10	48.05	1	7	25	44.73	25	5	39.9	Tr.	153	5	
	8	47.93	2			45.02			41.2	Tr.	150	11	
4411	10	48.91	1	7	25	51.23	28	50	18.4	Mu.	211	70	
4412	. .	51.14	. .	7	25	52. . .	20	58	17.6	Mer.	229	12	
4413	9.10	47.10	2	7	25	56.53[20]	29	8	51.4	Mu.	91	75	[20] Separate threads give 56^{s}.90, 56^{s}.16.
	7	48.91	2			57.69			50.8	Mer.	155	69	
4414	10	48.05	2	7	25	57.25	22	31	0.5	Mer.	118	47	
4415	10	49.06	1	7	25	58.96[21]	31	21	57.2	Mer.	159	90	[21] R. A. increased 1 min.
4416	9	49.18	2	7	25	59.85	34	24	27.3	Tr.	218	1	
4417	9	48.06	1	7	26	5.59	23	43	26.3	Tr.	158	103	
4418	9	47.12	1	7	26	9.97	27	35	35.8	Mu.	94	96	
	8.9	47.10	1			10.02			40.4	Mer.	84	100	
4419	6	48.91	2	7	26	11.80	29	19	7.2	Mer.	155	70	
	9	47.10	3			11.92			6.6	Mu.	91	76	
4420	8	51.23	5	7	26	15.40	20	28	31.9	Mer.	235	7	
4421	9	51.23	5	7	26	16.43	20	35	29.5[22]	Mer.	235	8	[22] Decl. changed one wire interval south.
4422	9	47.93	2	7	26	21.85	25	48	26.1	Mer.	215	12	
4423	9	49.22	3	7	26	40.44	33	52	44.3	Mer.	169	30	
4424	9	48.06	1	7	26	42.74	23	36	55.5	Tr.	158	104	
4425	9.10	47.18	1	7	26	44.98	28	5	33.2	Mu.	98	61	[23] R. A. decreased one thread interval.
4426	7	49.14	1	7	26	50.82[23]	21	58	23.5[24]	Mer.	164	76	[24] Decl. changed one wire interval south.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
4427	8	49.06	1	7	26	52.96[1]	30	56	45.6	Mer.	159	91	[1] R. A. decreased two thread intervals. If instead R. A. be decreased 25 sec., R. A. = 53s.62.
	9	49.15	2			53.47[2]			48.2	Mer.	165	81	
	9	47.09	2			53.91			47.2	Mer.	83	143	
4428	10	48.06	1	7	26	59.19[3]	25	57	37.4	Mer.	221	130	[2] R. A. increased 1 min. One of three threads rejected; R. A. = 52s.59.
4429	8.9	47.18	1	7	27	0.12	28	0	21.5	Mu.	98	62	
4430	8	51.14	..	7	27	3...	21	19	2.2	Mer.	229	11	[3] R. A. decreased two thread intervals.
4431	9	49.14	1	7	27	8.60	31	8	26.8	Mu.	231	1	
	8	49.15	3			8.70			28.1	Mu.	232	52	
	9	49.13	3			8.72			27.1	Mu.	226	56	
	8	49.06	2			8.85			25.1	Mer.	159	92	
4432	9	48.07	2	7	27	10.30[4]	26	45	4.2	Mer.	222	21	[4] Separate threads give 9s.92, 10s.67.
4433	9	48.06	1	7	27	16.28	23	59	47.7	Tr.	158	105	
4434	10	49.18	2	7	27	20.65	34	15	54.7	Tr.	218	2	
4435	9	47.10	1	7	27	22.69	27	51	44.2	Mer.	84	101	
4436	8	49.22	2	7	27	24.83	33	53	30.8	Mer.	169	31	
4437	8	48.91	1	7	27	25.88	29	30	11.8	Mer.	155	71	
4438	8	49.22	1	7	27	28.74[5]	33	44	4.5	Mer.	169	32	[5] Minute assumed.
4439	9	48.06	1	7	27	29.04	23	34	20.8	Tr.	158	106	
4440	9	47.12	2	7	27	30.96	27	39	24.3	Mu.	94	97	
	9	47.10	1			31.17			18.9	Mer.	84	102	
4441	5	49.14	2	7	27	37.84	21	58	30.8	Mer.	164	77	
4442	9	51.15	5	7	27	41.08	23	13	0.5	Mer.	230	8	
4443	9.10	48.91	2	7	27	47.52	28	58	8.1	Mu.	211	71	
4444	9	47.18	1	7	27	51.92	28	14	44.0	Mu.	98	63	
4445	9	49.06	3	7	27	52.45	30	3	55.1	Mu.	217	56	
	8	47.07	3			52.66			39.0[6]	Mu.	88	77	[6] If micrometer reading be assumed as 30.180 instead of 30.480 rev., as recorded, Decl. = 57″.9.
4446	..	51.15	5	7	27	58.47	23	9	0.3[7]	Mer.	230	7[8]	
4447	9	48.07	2	7	28	2.26	26	43	30.6	Mer.	222	22	
4448	9.10	48.91	1	7	28	10.58	28	29	49.2	Mu.	211	72	[7] Horizontal wire assumed.
4449	10	49.18	1	7	28	10.62	34	16	4.2	Tr.	218	3	[8] "Double, preceding observed."
4450	9	51.23	5	7	28	13.39	20	39	34.2	Mer.	235	9	
4451	8	48.06	1	7	28	17.65	25	47	25.6[9]	Mer.	221	131	[9] Decl. changed one rev. south.
	7	48.08	2			18.13			33.2	Tr.	161	6	
	7	47.93	4			18.35			27.7	Mer.	215	13	
4452	10	48.05	3	7	28	21.76	22	27	23.8	Mer.	118	48	
	9	51.15	5			21.84			21.2	Tr.	249	11	
4453	6	49.23	7	7	28	25.51	36	0	53.0	Mer.	171	8	
4454	6	48.06	2	7	28	27.78	26	41	29.2	Tr.	156	65	
	4	48.07	6			27.86			27.4	Mer.	222	23	
	5	49.06	2			28...			26.5	Tr.	210	30	
4455	7	49.22	2	7	28	28.54	33	40	20.8	Mer.	169	33	
4456	8	48.06	1	7	28	32.90[10]	25	42	24.1	Mer.	221	132	[10] R. A. increased 1 min.
	10	48.08	2			32.98			24.3	Tr.	161	7	
	8	47.93	1			33.25			21.7	Mer.	215	14	
4457	10	51.23	4	7	28	41.57	20	32	6.7	Mer.	235	10	
4458	10	49.15	2	7	28	42.47	31	48	....	Tr.	217	54	
4459	9	48.91	1	7	28	49.54	29	4	61.9	Mu.	211	73	
	6	48.91	1			50.00			62.2	Mer.	155	72	
	9	47.10	3			50.16			61.1	Mu.	91	77	
	7	47.10	3			50.22			59.1	Mu.	90	1	
4460	8	48.06	2	7	28	55.56[11]	25	47	35.0[12]	Mer.	221	133	[11] R. A. increased 1 min.
	8	47.93	1			55.67			35.6	Mer.	215	15	[12] Decl. changed one wire interval south.
4461	9	47.93	1	7	28	59.47	24	58	36.5	Tr.	150	12	
4462	9	47.18	1	7	29	3.01	28	10	13.5	Mu.	98	64	
4463	10	48.05	3	7	29	13.96	22	30	42.1	Mer.	118	49	
	9	51.15	5			14.35			40.0	Tr.	249	12	
4464	8	47.93	2	7	29	16.00	25	3	59.6	Tr.	150	13	
4465	9	47.10	2	7	29	16.59	27	47	13.5	Mer.	84	103	
4466	8	47.93	2	7	29	21.25	25	49	32.8	Mer.	215	16	
	..	48.06	1			21.38[13]			26.6[14]	Mer.	221	134	[13] R. A. increased 1 min. and decreased one thread interval.
4467	10	49.15	1	7	29	21.62	31	10	59.8	Mu.	232	53	
	9.10	49.14	3			21.76[15]			61.8	Mu.	231	2	[14] Decl. changed one wire interval south.
	8	49.06	4			21.90			58.1	Mer.	159	93	[15] One thread decreased 10 sec.
	9.10	49.13	2			21.91[16]			60.7	Mu.	226	57	[16] R. A. increased 1 min.
4468	5.6	47.18	2	7	29	21.83	28	2	....	Mu.	98	65	
4469	6	48.06	2	7	29	24.66[17]	26	18	6.4	Mu.	157	67	[17] One thread increased one thread interval.
	6.7	48.06	2			24.71			2.8	Tr.	156	66	
4470	9	51.15	5	7	29	28.88	23	11	29.4	Mer.	230	10	
4471	9.10	49.06	1	7	29	29...	26	59	19.2	Tr.	210	31	
4472	8	51.15	5	7	29	33.26	23	13	10.9	Mer.	230	9	
4473	8	49.14	2	7	29	36.52	21	57	54.1	Mer.	164	78	
4474	8	48.91	2	7	29	39.04	29	40	19.4	Mer.	155	73	
	9	47.10	3			39.27[18]			16.8	Mu.	91	78	[18] One of four threads rejected; R. A. = 38s.35.
	9	49.06	3			39.46			22.5	Mu.	217	57	
4475	7	49.14	3	7	29	40.82[19]	21	49	48.0[20]	Mer.	164	79	[19] One of four threads rejected; R. A. = 41s.54.
4476	9	49.06	1	7	29	49.79	29	43	48.5	Mu.	217	58	[20] Decl. changed one rev. south.
	9	47.10	3			49.98			47.2	Mu.	91	79	
	8	47.07	2			50.13			43.6	Mu.	88	78	
4477	9	48.06	1	7	29	54.79	23	30	32.7	Tr.	158	107	
	7	48.06	1			55.15			30.9[21]	Mu.	156	77	[21] Decl. changed ten rev. north.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
4478	9	48.91	1	7	29	58.32	29	1	43.5	Mu.	211	74	
4479	8	49.06	1	7	30	2. . .	27	10	27.2	Tr.	210	32	
	7	47.12	3			2.61			23.9	Mu.	94	98	
	6	47.10	1			2.74			24.4	Mer.	84	104	
4480	9	49.15	3	7	30	2.74	31	52	. . . .	Tr.	217	55	
4481	9	49.15	1	7	30	10.85	30	21	29.7	Mer.	165	83	
4482	9	48.91	1	7	30	11.23	28	55	3.9	Mu.	211	75	
4483	9.10	47.18	1	7	30	12.17	28	4	27.5	Mu.	98	66	
4484	7	47.93	2	7	30	17.39	25	0	4.4	Tr.	150	14	
	8	48.05	2			17.46			7.0	Tr.	153	6	
4485	9	51.23	5	7	30	23.20	20	35	19.9	Mer.	235	11	
4486	10	49.18	2	7	30	24.11	34	5	45.2	Tr.	218	4	
	8	49.22	3			24.33			39.4	Mer.	169	34	
4487	9	49.15	1	7	30	24.44	30	19	22.7	Mer.	165	84	
4488	9	48.06	1	7	30	24.58	23	46	38.6	Tr.	158	109	
	9	48.06	1			24.69			35.0	Mu.	156	78	
4489	9	51.23	4	7	30	25.50	20	43	13.5	Mer.	235	12	
4490	6	51.14	5	7	30	31.16	21	3	46.0	Mer.	229	13	
4491	7	49.22	2	7	30	38.16	33	24	34.0	Mer.	169	35	
4492	8.9	48.06	1	7	30	38.33	23	57	58.5	Tr.	158	110	
4493	9	48.06	1	7	30	39.88	23	40	48.9	Tr.	158	108	
4494	8	48.91	2	7	30	41.52	29	27	4.6	Mer.	155	74	
	9.10	47.10	1			42.63			1.5	Mu.	91	80	
4495	9	49.14	3	7	30	44.01[1]	30	59	20.9	Mu.	231	3	[1] One thread increased 10 sec.
	9	47.21	3			44.03			19.6	Mu.	101	6	
	9	49.15	1			44.04			18.5	Mu.	232	54	
	9	49.13	2			44.06			19.5	Mu.	226	58	
	8	47.09	2			44.18			18.9	Mer.	83	144	
	7	49.06	2			44.33			20.7	Mer.	159	94	
4496	9	47.93	2	7	30	50.33	25	31	17.9	Mer.	215	17	
4497	9	47.93	1	7	30	54.22	25	35	54.7	Mer.	215	18	
4498	7	48.06	3	7	30	54.87	26	28	48.6	Tr.	156	67	
	7	48.06	1			54.93			51.3	Mu.	157	68	
4499	6.7	47.12	1	7	30	57.96	27	5	17.3	Mu.	94	99	
	8	49.06	2			58. . .			17.1	Tr.	210	33	
4500	10	48.91	1	7	30	58.30	28	49	14.8	Mu.	211	76	
4501	10	49.14	1	7	31	[0.96]	31	0	7.0	Mu.	231	4	
	10	49.15	1			3.23			5.1	Mu.	232	55	
	8	49.06	2			3.37			7.0	Mer.	159	95	
	10	49.13	1			3.39			4.9	Mu.	226	59	
	9.10	47.09	3			3.61			7.2	Mer.	83	145	
4502	9	47.10	1	7	31	18.00	27	45	17.9	Mer.	84	105	
4503	8	49.14	1	7	31	22.66[2]	22	17	32.0	Mer.	164	80	[2] R. A. increased 10 sec.
	10	48.05	4			22.70			33.8	Mer.	118	50	
4504	10	49.15	2	7	31	23.28	32	5	. . . .	Tr.	217	56	
4505	6	49.15	1	7	31	27.39	30	27	29.4	Mer.	165	85	
	8.9	47.21	2			27.73			28.8	Mu.	101	7	
	7	47.07	2			27.76			28.6	Mu.	88	79	
	7.8	47.09	1			28.28[3]			31.4	Mer.	83	146	[3] R. A. increased one thread interval.
4506	9	49.22	1	7	31	28.71	33	57	30.3[4]	Mer.	169	36	[4] Decl. changed ten rev. north.
4507	. .	48.07	1	7	31	39.09	26	56	51.5	Mer.	222	24	
4508	9	47.93	. .	7	31	43. . .	25	39	25.7	Mer.	215	19	
	8	48.06	1			43.90			29.0	Mer.	221	135	
4509	9.10	49.06	1	7	31	44.49	30	17	39.7	Mu.	217	59	
4510	9	48.07	1	7	31	47.08[5]	26	54	5.2	Mer.	222	25	[5] R. A. decreased 20 sec.
4511	6	49.18	4	7	31	49.39	34	38	2.1	Tr.	218	5	
4512	10	49.14	1	7	31	54.34	21	54	4.6	Mer.	164	81	
4513	8	49.23	6	7	31	57.30	36	4	54.6	Mer.	171	9	
4514	7	51.14	5	7	31	57.56	21	29	13.6	Mer.	229	14	
4515	6.7	48.05	3	7	32	3.44	25	1	35.7	Tr.	153	7	
	6	47.93	2			3.66			41.1	Tr.	150	15	
4516	8	47.18	1	7	32	6.35	28	23	56.3	Mu.	98	67	
	8	47.22	2			6.99			59.7	Mu.	102	1	
	9	48.91	2			7.09			58.4	Mu.	211	77	
4517	9	49.06	1	7	32	7. . .	26	33	41.3	Tr.	210	34	
	8	48.06	2			8.21			39.0	Tr.	156	68	
4518	7	49.15	1	7	32	11.36	31	47	. . . .	Tr.	217	57	
4519	7	49.06	3	7	32	21.11	31	6	57.7	Mer.	159	96	
	9	49.13	3			21.30			57.6	Mu.	226	60	
	8.9	49.14	3			21.32			60.0	Mu.	231	5	
	8	49.15	1			21.32			57.3	Mu.	232	56	
4520	10	51.23	5	7	32	23.65	20	22	2.2	Mer.	235	13	
4521	9	49.22	1	7	32	26.19	33	28	12.3	Mer.	169	37	
4522	7	49.20	3	7	32	26.99	37	40	36.4	Mu.	235	1	
4523	7	48.08	3	7	32	28.60	25	58	39.3	Tr.	161	8	
	6	48.06	1			28.74			41.1	Mer.	221	136	
	7	47.93	2			28.89			42.5	Mer.	215	20	
4524	9	51.14	4	7	32	29.31	21	0	15.9[6]	Mer.	229	15	[6] Decl. changed one rev. south.
4525	9.10	49.13	1	7	32	37.32	31	10	41.9	Mu.	226	61	
	9	49.14	1			37.65			38.4	Mu.	231	6	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
4526	5	48.06	2	7	32	40.12	26	27	48.5	Mu.	157	70	
	6	48.06	2			40.58			46.5	Tr.	156	69	
4527	7	49.06	2	7	32	40.72	31	31	26.3	Mer.	159	97	
4528	5	48.06	1	7	32	41.03	26	27	58.3	Mu.	157	69	
4529	10	48.05	1	7	32	42.12	22	29	57.5	Mer.	118	51	
4530	9	51.23	5	7	32	53.69	20	19	51.2	Mer.	235	14	
4531	9	49.15	2	7	32	54.44	30	48	54.6	Mer.	165	86	
	9.8	47.09	1			55.00			54.0	Mer.	83	147	
4532	8	47.07	1	7	32	54.47	30	7	23.9	Mu.	88	80	
	9	49.06	3			54.77			22.0	Mu.	217	60	
4533	8	49.06	1	7	32	56.31	31	23	24.4	Mer.	159	98	
4534	6	47.93	2	7	32	57.91	25	6	19.7 [1]	Tr.	150	16	[1] Decl. changed one wire interval south.
4535	9	47.10	2	7	33	4.00	29	47	53.1	Mu.	90	2	
	9	49.06	1			4.44			56.6	Mu.	217	61	
4536	8	48.06	1	7	33	10.06	23	53	19.3	Tr.	158	111	
	7	48.06	1			10.31 [2]			19.6	Mu.	156	79	[2] Minute assumed.
4537	9.10	47.10	2	7	33	12.87	29	8	4.8	Mu.	91	81	
	7	48.91	2			13.22 [3]			4.4	Mer.	155	75	[3] One of three threads rejected; R. A.=12^s.49.
4538	7	49.23	3	7	33	17.61 [4]	36	9	26.0	Mer.	171	10	[4] R. A. increased one thread interval.
4539	7	48.06	1	7	33	17.63	26	31	18.2	Tr.	156	70	
	7	49.06	1			18. . .			19.1	Tr.	210	35	
4540	9	49.15	1	7	33	19.31	30	38	49.5	Mer.	165	87	
4541	7	49.06	1	7	33	21. . .	26	34	41.0	Tr.	210	36	
4542	8	49.14	3	7	33	22.55	21	51	4.2	Mer.	164	82	
4543	9	48.91	1	7	33	27.11	28	53	43.6	Mu.	211	78	
4544	8.9	48.06	1	7	33	28.04	23	31	21.3	Tr.	158	113	
4545	8	47.09	1	7	33	28.74	30	57	42.3	Mer.	83	148	
	9	49.13	2			28.76			40.9	Mu.	226	62	
	9	49.14	1			28.95			40.8 [5]	Mu.	231	7	[5] Decl. changed five rev. north.
	10	49.15	1			29.05			41.9	Mu.	232	57	
4546	9	48.06	1	7	33	30.47	23	39	52.5	Tr.	158	112	
4547	. .	49.15	1	7	33	31.08	30	41	37.4	Mer.	165	88	
4548	8	51.15	4	7	33	31.59 [6]	22	56	22.9 [7]	Mer.	230	11	[6] One of five threads rejected; R. A.=31^s.95.
	8	51.14	5			31.83			21.9	Tr.	248	16	[7] Decl. changed three wire intervals north.
4549	10	51.23	5	7	33	31.76	20	27	40.3 [8]	Mer.	235	15	[8] Decl. changed one wire interval north. If instead Decl. be changed ten rev. north, Decl.=45″.3. CPD gives 28^s.0.
4550	8	51.15	5	7	33	33.31	23	1	11.6	Mer.	230	12	
4551	9	48.91	2	7	33	34.30	29	41	41.6 [9]	Mer.	155	76	
4552	7	47.22	3	7	33	39.67	28	50	60.4	Mu.	102	2	[9] Decl. changed one wire interval north.
	8.9	49.14	2			39.63			56.4	Tr.	215	16	
	8.9	48.91	1			39.67			58.5	Mu.	211	79	
4553	8	47.93	1	7	33	40.89	25	30	16.4	Mer.	215	21	
	9	48.06	3			41.07			15.8	Mer.	221	137	
4554	8	49.18	2	7	33	43.74	34	28	51.7	Tr.	218	6	
4555	9	47.22	1	7	33	55.95	28	55	12.2	Mu.	102	3	
	9	48.91	1			56.24			12.1	Mu.	211	80	
4556	. .	49.22	1	7	33	57.75	33	30	52.9	Mer.	169	39 [10]	[10] Unidentified. Looked for with equatorial but not found. Mer. 169, No. 38, unidentified. Observed only in declination; Decl.=−33° 26′ 47″.5. Mer. 169, No. 40, unidentified. Observed only in right ascension; R. A.=7^h 33^m 40^s.23.
4557	8	49.14	2	7	33	57.82	21	42	12.8	Mer.	164	83	
4558	. .	51.23	3	7	34	1.50	20	24	52.7 [11]	Mer.	235	16	
4559	9	49.15	2	7	34	4.47	32	14	. . . .	Tr.	217	58	
4560	. .	51.14	5	7	34	6.13	20	53	4.1	Mer.	229	16	
4561	8.9	49.06	1	7	34	8.30	29	49	34.4	Mu.	217	62	
	7	47.21	2			8.99			34.7	Mer.	89	1	[11] Decl. changed three wire intervals north.
	8.9	47.10	2			9.09			32.9	Mu.	91	82	
	8	47.10	1			9.26			30.2	Mu.	90	3	
	7	47.07	1			9.29			32.9	Mu.	88	81	
4562	9	48.06	1	7	34	8.42	26	14	49.6	Tr.	156	71	
4563	6	49.20	1	7	34	9.60	37	57	57.1	Mu.	235	2	
4564	9	49.23	2	7	34	10.49	36	9	37.2	Mer.	171	11	
4565	8	48.91	2	7	34	17. . . [12]	29	20	53.4	Mer.	155	77	[12] Separate threads give 17^s.30, 16^s.02. GZ gives 17^s.6.
4566	5	49.20	2	7	34	26.01	37	47	47.5	Mu.	235	4	
4567	9	49.18	2	7	34	26.16	34	27	21.7	Tr.	218	7	
4568	8	47.12	2	7	34	26.39	27	52	32.5	Mu.	94	101	
	7	47.10	1			26.84			31.5	Mer.	84	106	
	7.8	47.18	3			26.95			31.2 [13]	Mu.	98	68	[13] Decl. changed one rev. south.
4569	9	48.06	1	7	34	27.97	23	44	35.4	Tr.	158	115	
	7	48.06	1			28.51			33.2	Mu.	156	81	
4570	6	49.20	1	7	34	30.34	37	55	3.5	Mu.	235	3	
4571	7	47.10	1	7	34	30.47	29	44	9.7	Mu.	90	4	
	7	47.07	1			30.51			7.1	Mu.	88	82	
	9	49.06	2			30.54			9.1	Mu.	217	63	
	8.9	47.10	2			30.76 [14]			9.6	Mu.	91	83	[14] One of three threads rejected; R. A.=29^s.99.
	. .	47.21	3			30.90			2.6	Mer.	89	2	
4572	6	48.06	1	7	34	30.98	23	55	43.4	Mu.	156	80	
	8	48.06	1			31.32			45.4	Tr.	158	114	
4573	9	47.10	2	7	34	32.97 [15]	29	42	14.6	Mu.	91	84	[15] R. A. decreased 1 min.
	9	49.06	3			33. . . [16]			17.3	Mu.	217	64	[16] Separate threads give 33^s.25, 32^s.69, 33^s.94.
	9	47.07	1			33.06			13.7	Mu.	88	83	
	. .	47.21	1			33.66 [17]			. . . .	Mer.	89	3	[17] Minute assumed.
4574	8	49.20	1	7	34	36.75	37	14	5.8	Tr.	220	1	
4575	6.7	47.10	2	7	34	38.73	27	36	0.9	Mer.	84	107	
	6.7	47.12	2			38.75			0.7	Mu.	94	102	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
4576	9	48.06	1	7	34	39.60[1]	26	0	23.9	Mer.	221	138	[1] R. A. decreased one thread interval.
	8	47.93	1			39.67			24.2	Mer.	215	22	
4577	6	51.14	5	7	34	39.72	20	54	0.8	Mer.	229	17	
	9	51.23	5			39.87			11.2	Mer.	235	17	
4578	9	47.93	2	7	34	53.48	25	16	35.5	Tr.	150	17	
4579	9	48.07	1	7	34	54.20	26	50	19.9	Mer.	222	26	
4580	9	48.06	1	7	34	55.12	23	49	15.5	Tr.	158	116	
4581	9	47.07	1	7	34	55.63	29	39	47.6	Mu.	88	84	
	9	47.10	1			55.64			52.2	Mu.	90	5	
4582	6	49.14	2	7	34	56.35	21	59	24.7	Mer.	164	84	
4583	9	49.14	2	7	34	57.97	31	10	22.3	Mu.	231	8	
	10	49.15	1			58.37			23.7	Mu.	232	58	
	9	49.13	1			58.44			24.7	Mu.	226	63	
	7	49.06	1			58.47			21.6	Mer.	159	99	
4584	9	48.91	1	7	35	1.18	28	36	7.1	Mu.	211	81	
4585	6	51.14	5	7	35	1.46	21	14	35.0[2]	Mer.	229	18	[2] Horizontal wire assumed.
4586	8	49.14	1	7	35	3.19	31	18	53.7	Mu.	231	9	
	6	49.15	1			3.31			53.9	Mu.	232	59	
	8	49.13	2			3.35			53.8	Mu.	226	64	
	6	49.06	3			3.52			53.3	Mer.	159	100	
4587	9	49.22	1	7	35	4.24	33	43	10.8	Mer.	169	41	
4588	9	51.14	4	7	35	15.50[3]	21	1	11.7	Mer.	229	19	[3] Separate threads give $15^{s}.84$, $15^{s}.50$, $15^{s}.52$, $15^{s}.14$.
4589	9	51.15	4	7	35	18.19[4]	23	2	49.7	Mer.	230	13	
4590	6	49.14	1	7	35	19.72[5]	22	3	28.2	Mer.	164	85	[4] One of five threads rejected; R. A.=$18^{s}.65$.
4591	8	48.07	3	7	35	32.10[6]	26	53	4.0	Mer.	222	27	[5] One of two threads rejected; record uncertain.
4592	8	51.15	5	7	35	32.79[7]	23	16	14.0	Mer.	230	14	[6] R. A. decreased 1 min.
4593	9	49.23	3	7	35	35.51	36	31	12.4	Mer.	171	12	[7] R. A. decreased 5 sec.
4594	9	49.15	2	7	35	42.26	31	2	30.8	Mer.	165	89	
	8	47.09	3			42.63			29.8	Mer.	83	149	
4595	9	48.06	1	7	35	45.76	25	31	40.1	Mer.	221	139	
4596	7	48.06	1	7	35	46.51	23	45	54.3	Mu.	156	82	
	9	48.06	1			46.57			55.9	Tr.	158	117	
	9	48.05	2			46.79			52.8	Tr.	154	45	
4597	8	49.15	1	7	35	57.31	31	20	15.3	Mu.	232	60	
	9.10	49.14	1			57.46			15.0	Mu.	231	10	
	9	49.13	1			58.54			14.4	Mu.	226	65	
4598	10	47.93	1	7	35	59.49	25	39	27.0	Mer.	215	23	
4599	9	49.22	1	7	36	6.36	33	50	17.1	Mer.	169	42	
4600	8.9	49.06	1	7	36	10.73	29	50	10.5	Mu.	217	65	
	7	47.10	2			10.90			10.8	Mu.	90	6	
	7	47.07	1			10.99			10.6	Mu.	88	85	
	8	47.10	3			11.04			11.7	Mu.	91	85	
	7	47.21	1			11.15			14.0	Mer.	89	4	
4601	10	49.06	1	7	36	11. . .	26	49	56.8	Tr.	210	37	
	8	48.07	3			11.23			58.0	Mer.	222	28	
4602	8	47.10	1	7	36	14.26	27	34	56.1	Mer.	84	108	
4603	9	49.15	1	7	36	17.34	30	34	18.1	Mer.	165	90	
4604	9	49.06	1	7	36	18.62	31	20	39.4[9]	Mer.	159	101[8]	[8] "First of two, 1 sec. apart, same Decl. and mag."
4605	11	48.05	3	7	36	19.52	24	9	2.8	Tr.	154	46	[9] Decl. changed one rev. south.
	9	48.06	1			19.65			8.5	Tr.	158	118	
4606	7.8	47.10	1	7	36	20.13	27	22	41.0	Mer.	84	109	
	7	47.12	2			20.21			43.8	Mu.	94	103	
4607	8	47.07	1	7	36	23.49	29	53	28.9[10]	Mu.	88	86	[10] Decl. changed five rev. south.
	9	49.06	1			23.98			24.4	Mu.	217	66	
4608	9	51.23	5	7	36	26.26	21	24	20.2	Tr.	256	1	
	. .	51.14	4			26.62[11]			20.5[12]	Mer.	229	20	[11] One of five threads rejected; R. A.=$26^{s}.13$.
4609	10	48.05	3	7	36	26.81	22	23	20.4	Mer.	118	52	[12] Decl. changed one rev. south.
	9	51.15	5			26.97[13]			17.5	Tr.	249	13	[13] R. A. decreased 5 sec. No chronograph tape found.
4610	6	49.14	2	7	36	27.24	21	38	12.7	Mer.	164	86	
4611	9.10	49.14	2	7	36	33. . .[14]	31	23	24.5	Mu.	231	11	[14] Separate threads give $33^{s}.00$, $33^{s}.84$.
	9	49.15	1			33.41			23.7	Mu.	232	61	
	9.10	49.13	1			34.29			22.1	Mu.	226	66	
4612	6	48.06	1	7	36	36.13	25	59	45.3	Mer.	221	140	
	5.6	48.06	2			36.43			52.2	Tr.	156	72	
	7	48.08	2			36.52			55.3[15]	Tr.	161	9	[15] Decl. changed one rev. south.
	6	47.93	1			36.56			53.9[16]	Mer.	215	24	[16] Horizontal wire assumed.
	7	48.06	1			36.98			55.5	Mu.	157	71	
4613	7	47.93	1	7	36	44.11	25	29	14.8	Mer.	215	25	
4614	. .	51.15	5	7	36	49.37	22	51	15.5	Mer.	230	15	
4615	8	51.15	4	7	36	50.99[17]	22	46	33.3	Mer.	230	16	[17] One of five threads rejected; R. A.=$51^{s}.8$[illegible]
4616	8	49.22	1	7	36	51.45	33	39	55.5	Mer.	169	43	
4617	8	47.18	2	7	36	51.75	28	24	35.0	Mu.	98	69	
	9	47.22	3			51.83			35.3	Mu.	102	4	
	10	49.14	1			51.92			35.3	Tr.	215	17	
	9.10	48.91	2			52.07			35.5	Mu.	211	82	
4618	8	49.14	1	7	36	52.32	21	56	41.7	Mer.	164	87	
4619	7	47.10	2	7	36	56.85	27	18	60.5	Mer.	84	110	
	7	47.12	2			57.21			56.5	Mu.	94	104	
4620	8	51.23	4	7	37	5.01	20	55	38.2[18]	Mer.	235	18	[18] Decl. changed one rev. south.
4621	8	49.23	3	7	37	7.14	36	1	20.6	Mer.	171	13	[19] If micrometer reading be assumed as 43.765 instead of 43.265 rev., as recorded, Decl.=$7''.7$.
4622	9	47.10	1	7	37	11.43	29	12	39.2[19]	Mu.	90	7	
	9.10	47.10	2			11.56[20]			9.4	Mu.	91	86	[20] Separate threads give $11^{s}.92$, $11^{s}.20$.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
4623	9	47.93	1	7	37	11.97	25	24	23.6	Mer.	215	26	
4624	8	49.14	1	7	37	15.32	21	48	43.6	Mer.	164	88	
4625	9	49.18	2	7	37	21.36	34	31	17.3	Tr.	218	8	
4626	7	48.07	2	7	37	23.76[1]	26	49	27.0	Mer.	222	29	[1] The last thread of Mer. 222, No. 29, interchanged with the last thread of Mer. 222, No. 30. The other thread in each case decreased one thread interval in accordance with original record.
4627	8	48.05	2	7	37	24.16	25	9	1.4	Tr.	153	8	
4628	4.5	47.18	1	7	37	28.01	28	3	24.4	Mu.	98	70	
4629	10	51.23	5	7	37	29.79	20	40	40.5[2]	Mer.	235	19	
4630	7	48.07	2	7	37	30.81[3]	26	52	47.4	Mer.	222	30	
4631	6	49.22	1	7	37	36.67	33	26	54.9	Mer.	169	44	[2] Decl. changed three wire intervals and one rev. north.
4632	9	48.06	1	7	37	38.92	23	48	13.0	Tr.	158	119	
4633	3	47.22	3	7	37	47.04	28	35	57.8	Mu.	102	5	[3] See note on No. 4626.
	5.4	49.14	2			47.06			58.2	Tr.	215	18	
	5	47.18	1			47.16			61.8	Mu.	98	71	
	5	48.91	4			47.43			58.6	Mu.	211	83	
4634	..	51.23	5	7	37	54.21	21	27	....	Tr.	256	2	
	9	51.14	5			54.29			43.8[4]	Mer.	229	21	[4] Decl. changed three wire intervals south.
4635	6	48.06	1	7	37	57.09[5]	23	31	58.3	Mu.	156	83	[5] R. A. increased 10 sec.
	9	48.06	1			57.13			60.7	Tr.	158	120	
4636	9	51.23	5	7	38	1.45	20	38	38.5[6]	Mer.	235	21	[6] Decl. changed one rev. south.
4637	9	48.06	2	7	38	3.05[7]	25	25	45.8	Mer.	221	141	[7] R. A. interchanged with that of Mer. 221, No. 142.
4638	10	48.06	1	7	38	3.92	26	20	5.2[8]	Tr.	156	73	
	8	48.06	1			3.95			7.1	Mu.	157	72	[8] Decl. changed two rev. south.
4639	9	48.06	1	7	38	4.00	23	31	33.5	Tr.	158	121	
	7	48.06	1			4.36[9]			31.8	Mu.	156	84	[9] R. A. increased one thread interval.
4640	9	47.12	1	7	38	4.96	27	21	30.4	Mu.	94	105	
	8	47.10	1			5.68			29.8	Mer.	84	111	
4641	8	48.06	2	7	38	5.60[10]	25	21	27.3	Mer.	221	142	[10] See note on No. 4637.
	8	47.93	1			5.88			27.6	Mer.	215	27	
4642	8	49.23	1	7	38	6.09	36	20	8.4	Mer.	171	14	
4643	8	49.20	1	7	38	8.60	37	23	43.8	Mu.	235	5	
4644	9	47.22	1	7	38	9.09	28	29	55.9	Mu.	102	6	
	9	48.91	2			9.20			57.2	Mu.	211	84	
4645	10	49.20	2	7	38	11.61	36	43	59.1	Tr.	220	2	
4646	8	49.15	1	7	38	13.35	30	58	33.0	Mu.	232	63	
	9	49.13	2			13.48			33.3	Mu.	226	67	
	7	49.15	3			13.49			32.2	Mer.	165	91	
	9	47.21	2			13.92			35.4	Mu.	101	8	
	7.8	47.09	2			14.10			34.7	Mer.	83	150	
4647	8	47.09	2	7	38	13.49	30	51	38.7	Mer.	83	151	
	7	49.15	2			13.75[11]			36.4	Mer.	165	92	[11] Minute assumed.
	9	47.21	1			14.03			36.2	Mu.	101	9	
4648	8	48.91	1	7	38	14.70	29	12	40.0	Mer.	155	78	
4649	9	49.13	1	7	38	19.55	31	19	25.5	Mu.	226	68	
	8.9	49.14	2			19.69			25.7	Mu.	231	12	
	9	49.06	3			19.90			22.9	Mer.	159	102	
	7	49.15	1			19.95			25.6	Mu.	232	62	
	6	47.23	3			19.96			30.2	Mer.	90	1	
4650	9.10	49.06	1	7	38	19.61	29	57	36.6	Mu.	217	68	
4651	9	51.23	5	7	38	21.52	20	41	39.6	Mer.	235	20	
4652	10	48.05	3	7	38	22.95	23	52	47.7	Tr.	154	47	
4653	9	49.22	1	7	38	23.12	33	31	15.8	Mer.	169	45	
4654	6	49.20	1	7	38	24.30	37	50	45.9	Mu.	235	6	
4655	10	48.05	3	7	38	24.98[12]	22	29	46.7	Mer.	118	53	[12] R. A. decreased 1 min.
4656	9	49.06	3	7	38	25.48	29	52	39.0	Mu.	217	67	
	8	47.07	2			25.51[13]			39.1	Mu.	88	87	[13] One of three threads rejected; R. A.=24ˢ.78.
	8	47.21	1			26.22			42.5	Mer.	89	5	
4657	10	49.14	1	7	38	39.94	31	21	30.1	Mu.	231	13	
4658	10	49.18	2	7	38	41.01	34	18	48.4	Tr.	218	9	
4659	8	51.15	4	7	38	43.10[14]	22	49	57.2	Mer.	230	17	[14] One of five threads rejected; R. A.=43ˢ.62.
4660	8	49.14	3	7	38	45.12	21	51	48.0	Mer.	164	89	
4661	10	48.06	1	7	38	47.10	26	32	6.8	Tr.	156	74	
4662	10	49.06	1	7	38	52.64	31	22	42.2	Mer.	159	103	
4663	8	49.14	1	7	38	57.84	21	57	31.4	Mer.	164	90	
4664	9	48.91	1	7	39	2.66	28	33	26.3	Mu.	211	85	
4665	9	47.09	1	7	39	3.12	30	45	8.2	Mer.	83	152	
	9	49.15	1			3.24			6.4	Mer.	165	93	
4666	7	49.22	1	7	39	5.56	33	22	27.0[15]	Mer.	169	46	[15] Decl. changed ten rev. north.
4667	10	49.20	1	7	39	5.64	37	18	20.0	Tr.	220	3	
4668	7	48.07	1	7	39	10.73	27	16	45.6	Mer.	222	31	
	7.8	47.12	1			10.79			47.1	Mu.	94	106	
	8	47.10	1			11.00			52.5	Mer.	84	112	
4669	6	49.20	1	7	39	14.02	37	35	1.0	Mu.	235	7	
4670	9.10	47.09	1	7	39	19.36[16]	30	53	45.3	Mer.	83	153	[16] R. A. increased 10 sec.
4671	9.10	47.10	1	7	39	20.66	29	31	25.7	Mu.	91	87	
	8	48.91	2			21.21[17]			25.0	Mer.	155	79	[17] One of three threads rejected; R. A.=20ˢ.22.
4672	9	51.15	5	7	39	27.51	22	39	40.1	Tr.	249	14	
4673	10	49.14	2	7	39	30.94	31	32	47.3	Mu.	231	14	
4674	7.8	48.06	1	7	39	31.70	23	53	41.8	Tr.	158	122	
	5	48.06	1			31.82			37.6	Mu.	156	85	
	9	48.05	1			32.20			41.1	Tr.	154	48	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
4675	9	51.23	5	7	39	32.21	21	23	32.7	Tr.	256	3	
4676	8	51.23	4	7	39	33.43	20	23	50.6	Mer.	235	22	
4677	7	51.15	5	7	39	37.37	22	53	54.1	Mer.	230	18	
	7	48.06	2			38.03[1]			51.0	Mer.	220	126	[1] One of three threads rejected; R. A.=36^{s}.86.
4678	7	48.06	1	7	39	40.06[2]	22	46	38.6	Mer.	220	127	[2] R. A. decreased one thread interval.
	8	51.15	5			40.30			37.4	Tr.	249	15	
	7	51.15	5			40.35			38.4	Mer.	230	19	
	8	51.14	5			40.38			34.2	Tr.	248	17	
4679	9	49.22	1	7	39	42.53	33	59	42.0	Mer.	169	47	
4680	7	49.20	1	7	39	43.79	37	31	39.3	Mu.	235	9	
4681	10	48.06	1	7	39	47.05	26	37	8.0	Tr.	156	75	
4682	9.10	47.10	2	7	39	49. . .[3]	29	35	15.4	Mu.	91	88	[3] Separate threads give 48^{s}.86, 50^{s}.05. GZ gives 48^{s}.9.
4683	8.9	47.10	1	7	39	51.63	27	50	56.2	Mer.	84	113	
4684	5	49.20	1	7	39	54.36	37	36	26.7	Mu.	235	8	
4685	7	51.23	5	7	39	56.66	21	10	55.4	Tr.	256	4	
	6	51.14	5			56.81			52.4	Mer.	229	22	
4686	5	49.22	2	7	39	59.66	33	52	49.3	Mer.	169	48	
	6	49.18	7			59.71			53.1	Mer.	166	1	
4687	8	48.06	1	7	39	59.91	26	31	4.8	Mu.	157	73	
4688	8.9	49.20	2	7	40	4.91	37	14	3.5	Tr.	220	4	
4689	9	51.14	5	7	40	8.49	21	5	52.0[4]	Mer.	229	23	[4] Decl. changed one wire interval and one rev. north.
4690	7	48.06	1	7	40	12.50	23	47	14.9	Mu.	156	86	
	9	48.06	1			12.51			13.0	Tr.	158	123	
	10	48.05	2			12.52			14.2	Tr.	154	49	
4691	7	51.23	4	7	40	13.12	20	28	0.8	Mer.	235	23	
4692	9	48.06	1	7	40	13.36[5]	26	1	31.6	Mu.	157	74	[5] R. A. increased one thread interval.
	9	48.06	1			13.39			34.1	Tr.	156	76	
	9	48.08	3			13.42			32.4	Tr.	161	10	
	8	48.06	3			13.48			30.0	Mer.	221	143	
	7	47.93	3			13.65			34.2	Mer.	215	28	
4693	9	49.15	2	7	40	15.85	30	30	57.4[6]	Mer.	165	94	[6] Decl. changed one wire interval south.
4694	8	47.22	3	7	40	17.67	28	32	48.9	Mu.	102	7	
	9	49.14	2			17.68			49.2	Tr.	215	19	
	9	48.91	3			17.70[7]			51.2	Mu.	211	86	[7] One thread increased 10 sec.
	7	47.18	3			17.74			53.0	Mu.	98	72	
4695	9	48.06	1	7	40	18.66	24	7	28.4	Tr.	158	124	
4696	9	48.07	1	7	40	19.30[8]	26	56	44.7	Mer.	222	32	[8] R. A. decreased one thread interval.
4697	8	51.15	5	7	40	23.59	22	50	5.9	Mer.	230	20	
	7	48.06	2			23.91[9]			4.1	Mer.	220	128	[9] One of three threads rejected; R. A.=22^{s}.94.
	9	48.05	4			24.00			12.7[10]	Mer.	118	54	[10] Same micrometer reading as Mer. 118, No. 53.
4698	10	47.93	1	7	40	38.94[11]	25	42	34.1	Mer.	215	29	[11] R. A. increased 1 min.
4699	4	49.14	2	7	40	45.39	22	9	10.4	Mer.	164	91	
4700	9	49.15	2	7	40	46.73	31	56	. . . .	Tr.	217	59	
4701	6	49.20	1	7	40	50.05	37	34	11.0	Mu.	235	10	
4702	8	48.91	2	7	40	50.53	29	31	48.6	Mer.	155	80	
	9	47.10	1			51.05			46.6	Mu.	91	90	
4703	8	47.21	3	7	40	52.35	29	34	57.0	Mer.	89	6	
	9	47.10	2			52.45			55.3	Mu.	91	89	
	8	47.10	2			52.50			60.4	Mu.	90	8	
4704	. .	51.23	5	7	40	54.64	20	25	21.5[12]	Mer.	235	24	[12] Decl. changed three wire intervals north.
4705	10	49.15	1	7	40	56.17	30	55	29.8[13]	Mu.	232	64	[13] Decl. changed one rev. south.
	9	49.06	3			56.36			28.4	Mer.	159	104	
4706	6	49.20	1	7	41	11.81	37	24	16.2	Mu.	235	11	
4707	8	49.22	1	7	41	29.21	34	5	59.7[14]	Mer.	169	49	[14] Decl. changed one rev. south.
	10	49.18	2			29.49			60.4	Tr.	218	10	
4708	8	47.10	1	7	41	29.37	29	19	30.5	Mu.	90	9	
4709	8	49.22	1	7	41	30.02	33	58	30.2	Mer.	169	50	
	9	49.18	1			30.19			34.1	Mer.	166	2	
4710	8	47.10	1	7	41	30.15	27	29	57.3	Mer.	84	114	
4711	8	49.14	1	7	41	37.32	21	58	45.9	Mer.	164	92	
4712	10	49.15	2	7	41	37.77	30	42	25.5	Mer.	165	95	
4713	9	48.06	1	7	41	38.78	23	53	28.2	Tr.	158	125	
4714	9	47.12	1	7	41	39.95	27	14	73.4	Mu.	94	107	
	8.9	47.10	1			40.15			72.2	Mer.	84	115	
	9	48.07	2			40.28			57.3[15]	Mer.	222	33	[15] If micrometer reading be assumed as 43.182 instead of 43.582 rev., as recorded, Decl.= 71″.1.
4715	9	49.06	2	7	41	40.11	30	10	48.8	Mu.	217	69	
	7	47.07	3			40.27			49.7	Mu.	88	88	
4716	9	51.23	5	7	41	42.63	21	24	3.0	Tr.	256	5	
4717	9	51.15	5	7	41	43.89	23	23	54.1	Mer.	230	21	
4718	4	47.93	3	7	41	50. . .[16]	25	34	3.5	Mer.	215	30	[16] The first two threads give 50^{s}.37, 49^{s}.04. Last thread doubtful, may be either 49^{s}.37 or 49^{s}.97.
	3.4	48.06	6			51.19			3.4[17]	Mer.	221	144	
	6	48.08	3			51.24			5.2	Tr.	161	11	
4719	7	49.20	1	7	41	51.27	37	36	12.3	Mu.	235	12	[17] Decl. changed two wire intervals south.
4720	9.10	49.06	1	7	41	53.45	29	45	56.0	Mu.	217	70	
4721	9	49.18	2	7	41	58.31	33	57	21.1	Mer.	166	3	
4722	11	49.20	1	7	42	1.03	36	57	15.4	Tr.	220	5	
4723	8	49.11	1	7	42	1.85	26	48	44.4	Mu.	222	1	
4724	9	47.22	1	7	42	3.76	29	0	35.5	Mu.	102	8	
4725	7	49.14	1	7	42	6.45	21	38	20.7	Mer.	164	93	
	. .	51.14	5			6.88			22.8	Mer.	229	24	
4726	9	49.15	2	7	42	10.65	32	5	. . . .	Tr.	217	60	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
4727	9	47.18	3	7	42	14.53	27	59	18.6	Mu.	98	73	
4728	8	48.06	2	7	42	15.04	23	4	38.3	Mer.	220	129	
4729	9	48.05	1	7	42	23.26[1]	23	28	30.2	Tr.	154	50	[1] R. A. increased 30 sec.
4730	10	48.06	1	7	42	23.99	26	40	31.0	Tr.	156	77	
4731	9	48.06	1	7	42	24.52	25	45	24.7	Mer.	221	145	
4732	10	48.06	1	7	42	24.81	26	37	23.9	Tr.	156	78	
	7	49.11	1			25.46			25.1[2]	Mu.	222	2	[2] Decl. changed one rev. south.
4733	9	48.06	1	7	42	36.58	25	38	13.3	Mer.	221	146	
	9	47.93	1			37.36			13.1	Mer.	215	31	
	10	48.08	2			37.92			6.8	Tr.	161	12	
4734	7	47.07	2	7	42	41.64	30	23	6.5	Mu.	88	89	
	6	49.15	3			41.68			5.9	Mer.	165	96	
	8	47.21	5			41.77			4.4	Mu.	101	10	
	7	47.09	4			41.78			5.1	Mer.	83	154	
4735	8.9	49.06	2	7	42	48.20	29	53	25.7	Mu.	217	71	
4736	6	47.23	2	7	42	50.04	31	14	46.5	Mer.	90	2	
	7	49.15	2			50.57			47.5	Mu.	232	65	
	8	49.14	4			50.74			46.6	Mu.	231	15	
	7.8	49.06	4			50.88			44.0	Mer.	159	105	
	8.9	49.13	5			50.99			45.7	Mu.	226	69	
4737	8	49.14	1	7	42	55.01	22	11	26.7	Mer.	164	94	
	9	48.05	3			55.23			24.1[3]	Mer.	118	55	[3] Decl. changed one rev. north.
4738	8	49.22	2	7	42	56.34	33	33	19.7	Mer.	169	51	
4739	8	51.14	5	7	43	0.46	21	6	18.2	Mer.	229	25[4]	[4] Unidentified. Looked for with equatorial but not found. Follows CPD–21°2810 by 3 sec. and is $0'.7$ north. No chronograph tape found.
4740	8	51.23	5	7	43	0.98	20	54	38.5	Mer.	235	25	
4741	8	48.06	1	7	43	3.49	23	51	2.7	Mu.	156	87	
4742	8	48.06	1	7	43	11.87[5]	23	10	8.9	Mer.	220	130	
4743	8	48.06	1	7	43	19.30	26	12	19.3	Mu.	157	75	[5] R. A. increased 1 min.
4744	8.9	47.10	1	7	43	21.93	27	27	35.7	Mer.	84	116	
	9	47.12	2			22.09			33.5	Mu.	94	108	
4745	8.9	49.06	2	7	43	27.95	30	10	58.3	Mu.	217	72	
	7	47.07	3			27.99			63.2	Mu.	88	90	
4746	7	49.20	2	7	43	29.82	37	49	44.3	Mu.	235	13	
4747	8	48.05	2	7	43	37.02	23	25	23.3	Tr.	154	51	
	6	51.15	4			37.49[6]			22.7	Mer.	230	22	[6] One of five threads rejected; R. A. = $36^{s}.89$.
4748	8	49.11	1	7	43	39.97	26	52	51.2	Mu.	222	3	
4749	9	47.10	1	7	43	40.82	27	52	23.5	Mer.	84	117	
4750	9	51.15	5	7	43	44.96	22	47	21.5	Tr.	249	16	
	8	48.06	2			44.98			19.9	Mer.	220	131	
4751	10.9	49.20	2	7	43	50.77	37	2	54.8	Tr.	220	6	
4752	9	49.15	3	7	43	52.69	32	2	....	Tr.	217	61	
4753	9	47.22	1	7	43	52.70	28	33	52.0	Mu.	102	9	
4754	7	48.06	1	7	44	5.80	26	11	8.4	Mu.	157	76	
	10	48.06	1			5.93			3.2	Tr.	156	79	
4755	9	49.15	2	7	44	12.50	30	55	45.1	Mer.	165	97	
	10	49.14	1			12.79			47.4	Mu.	231	16	
4756	8	47.12	2	7	44	12.71	27	35	43.4	Mu.	94	109	
	7	47.10	1			13.00			42.0	Mer.	84	118	
4757	8	49.14	2	7	44	14.72	21	40	42.4	Mer.	164	95	
4758	..	51.15	4	7	44	18.26[7]	22	47	44.3	Mer.	230	23	[7] One of five threads rejected; R. A. = $18^{s}.66$.
4759	7	47.22	2	7	44	21.12	28	41	26.6	Mu.	102	10	
	10	49.14	1			21.33			20.6	Tr.	215	20	
4760	9	49.18	2	7	44	24.36	34	43	45.7	Tr.	218	11	
4761	9	49.15	2	7	44	32.55	31	47	....	Tr.	217	62[8]	[8] "Double, first observed."
4762	9	47.93	3	7	44	34.56	25	42	37.9	Mer.	215	32	
	9	48.06	2			34.75			40.6	Mer.	221	147	
4763	10	47.93	1	7	44	37.77	25	46	7.4	Mer.	215	33	
	9	48.06	1			37.78			8.4	Mer.	221	148	
4764	8	48.05	1	7	44	39.54	24	8	54.2	Tr.	154	52	
4765	10	49.18	1	7	44	42.08	34	30	1.5	Tr.	218	12	
4766	9	51.15	5	7	44	48.25	22	39	11.4	Tr.	249	17	
	9	48.05	3			48.77			12.6	Mer.	118	56	
4767	9	51.14	5	7	44	49.53	21	8	18.8	Mer.	229	26	
4768	8	49.22	1	7	44	49.92	33	26	28.1	Mer.	169	52	
4769	8	48.06	1	7	44	54.11	22	50	44.6	Mer.	220	132	
4770	6	51.23	5	7	45	11.15	20	47	39.3[9]	Mer.	235	26	[9] Decl. changed three wire intervals south.
4771	7	51.23	..	7	45	14...	20	20	15.1	Mer.	235	27	
4772	6	49.18	2	7	45	15.24	33	41	11.8	Mer.	166	5	
	..	49.22	1			15.46			8.4	Mer.	169	53	
4773	8	49.18	3	7	45	17.63	33	58	4.4	Mer.	166	4	
	8	49.22	1			18.24			5.9	Mer.	169	54	
4774	9	49.18	2	7	45	17.64	34	20	18.2	Tr.	218	13	
4775	..	51.23	5	7	45	24.44	21	20	....	Tr.	256	6	
4776	9	49.14	4	7	45	26.49[10]	31	15	13.5	Mu.	231	17	[10] Two threads decreased 10 sec. each.
	7.8	49.15	2			26.49			12.4	Mu.	232	66	
	7	47.23	1			26.51[11]			14.2[12]	Mer.	90	3	[11] R. A. decreased 1 min. and increased two thread intervals.
	8	49.06	4			26.66			12.3	Mer.	159	106	
4777	7	49.11	1	7	45	36.19	26	59	7.1	Mu.	222	5	[12] Decl. changed one wire interval north.
4778	10	48.06	1	7	45	37.49	26	30	53.1	Tr.	156	80	
4779	9	47.21	3	7	45	42.97	29	17	4.4	Mer.	89	8	
	8	47.10	3			44.20[13]			0.0	Mu.	90	10	[13] Two threads decreased one thread interval each.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
4780	7	47.07	3	7	45	46.20	29	56	21.7	Mu.	88	91	
	8.9	49.06	2			46.31			22.5	Mu.	217	73	
4781	7	49.11	1	7	45	47.37 [1]	26	54	33.6	Mu.	222	4	[1] R. A. increased one thread interval.
4782	8	49.22	1	7	45	54.79	33	41	54.1 [2]	Mer.	169	55	[2] Reduced for 40.182 instead of 48.182 rev., as recorded.
4783	7	47.23	1	7	46	5.17	31	15	14.2 [3]	Mer.	90	4	
	7	49.15	3			5.45			13.7	Mu.	232	67	[3] Decl. changed one wire interval north.
	8	49.06	2			5.45			12.5	Mer.	159	107	
	9	49.14	3			5.62			15.0	Mu.	231	18	
4784	10	49.20	2	7	46	6.62	37	15	10.8	Tr.	220	7	
4785	8	49.14	3	7	46	16.19	21	50	23.2	Mer.	164	96	
4786	7	49.18	1	7	46	20.50	33	34	13.9	Mer.	166	6	
	8	49.22	1			20.71			12.0	Mer.	169	56	
4787	9	51.23	5	7	46	21.87	20	36	59.4	Mer.	235	28	
4788	10	49.15	3	7	46	22.06	30	26	58.9	Mer.	165	98	
4789	7	47.23	1	7	46	29.26	31	27	55.2 [4]	Mer.	90	5	[4] Decl. changed ten rev. north.
4790	9	51.14	5	7	46	32.26	20	58	29.5 [5]	Mer.	229	27	[5] Decl. changed one wire interval south.
4791	6.7	49.18	3	7	46	39.95	34	19	51.6	Tr.	218	14	
4792	7	48.06	2	7	46	40.63	25	19	30.8	Mer.	221	149	
	8	48.07	2			41.31 [6]			34.1	Tr.	159	1	[6] Minute assumed; record doubtful.
4793	9.10	49.06	2	7	46	42.15	30	5	22.6	Mu.	217	74 [7]	[7] Component not stated.
4794	10	48.05	2	7	46	42.93	22	45	12.2	Mer.	118	57	
	..	48.06	3			43.08			12.2	Mer.	220	133	
4795	9	49.15	3	7	46	48.17	31	43	....	Tr.	217	63	
4796	8	47.10	1	7	46	49.01	27	48	42.9	Mer.	84	119	
4797	8	47.93	2	7	46	51.67	26	1	46.5 [8]	Mer.	215	34	[8] Decl. changed one wire interval south.
	9	48.06	2			51.74			43.7	Tr.	156	81	
	6	48.06	1			52.01			46.5	Mu.	157	77	
4798	8.9	47.10	1	7	46	52.20	27	20	30.3	Mer.	84	120	
4799	10	49.15	2	7	46	58.87	30	43	0.5	Mer.	165	99	
	9.10	47.09	4			59.24			3.6	Mer.	83	155	
4800	8	48.06	1	7	47	0.30 [9]	23	47	34.5	Mu.	156	88	[9] R. A. increased 1 min.
4801	6.7	51.15	5	7	47	13.44	22	55	38.9 [10]	Mer.	230	24	[10] Decl. changed five rev. south.
	7	48.06	3			13.46			37.4	Mer.	220	134	
	8	51.14	5			13.58			35.7	Tr.	248	18	
4802	7	49.14	2	7	47	14.54 [11]	21	32	0.0	Mer.	164	97	[11] R. A. decreased 20 sec.
	..	51.14	5			14.54			5.2 [12]	Mer.	229	28	[12] Decl. changed four wire intervals south.
4803	9	51.14	5	7	47	14.64	22	47	62.9 [13]	Tr.	248	19	[13] One transit thread rejected; Decl.=52″.7
	6.7	51.15	5			14.67			61.1	Mer.	230	25	
	7	48.06	3			14.71			59.5	Mer.	220	135	
	8	51.15	5			14.82			57.1	Tr.	249	18	
	8	48.05	3			14.88			58.5	Mer.	118	58	
4804	7	48.06	1	7	47	17.36	23	52	17.6 [14]	Mu.	156	89	[14] Decl. changed one rev. north.
4805	8.9	49.20	2	7	47	20.78	36	31	34.7	Tr.	220	8	
4806	6.7	49.06	3	7	47	21.68	31	25	15.0	Mer.	159	108	
	9	49.14	3			21.68			17.8	Mu.	231	19	
	7	49.15	2			21.79			16.9	Mu.	232	68	
4807	9	51.23	5	7	47	24.50	20	38	39.6	Mer.	235	29	
4808	7	49.11	1	7	47	24.87	26	53	37.7	Mu.	222	6	
4809	8	47.10	3	7	47	28.47	29	26	9.2	Mu.	90	11	
	8	47.21	3			28.48 [15]			12.7	Mer.	89	9	[15] One of four threads rejected; R. A.=27ˢ.29.
4810	8	47.22	3	7	47	30.10	28	50	14.7	Mu.	102	11	
4811	8	49.14	2	7	47	31.52	21	38	24.9	Mer.	164	98	
4812	5	49.23	7	7	47	32.85	35	58	37.0	Mer.	171	15	
4813	7	49.22	1	7	47	33.97	33	39	5.7	Mer.	169	57	
	6	49.18	2			34.34			6.1 [16]	Mer.	166	7	[16] Decl. changed one wire interval north.
4814	7	48.08	2	7	47	35... [17]	25	52	26.8	Tr.	161	13	[17] Separate threads give 35ˢ.80, 34ˢ.82.
	..	48.06	1			35.28			23.9	Mer.	221	150	
	8	47.93	1			35.75			27.3	Mer.	215	35	
4815	8.9	47.12	1	7	47	36.17	27	38	6.7	Mu.	94	111	
4816	8	47.10	1	7	47	36.55	27	35	36.3	Mer.	84	121	
	8	47.12	3			36.78			34.6	Mu.	94	110	
4817	6	48.06	..	7	47	44...	25	57	37.4	Mu.	157	78	
	8	47.93	2			44... [18]			36.5	Mer.	215	36	[18] Separate threads give 43ˢ.86, 44ˢ.94.
	8	48.06	2			44.80			37.3	Tr.	156	82	
	..	48.06	1			45.46			34.5	Mer.	221	151	
4818	9	49.15	1	7	47	52.25	30	38	31.4	Mer.	165	100	
	9.10	47.09	2			52.57			35.5	Mer.	83	156	
4819	8	47.93	1	7	47	55.78	25	45	46.9	Mer.	215	37	
	8	48.08	1			55.90			45.5 [19]	Tr.	161	14	[19] Decl. changed one wire interval north
	..	48.06	1			56.18			48.7	Mer.	221	152	
4820	8.9	49.20	2	7	48	5.76	36	32	57.4	Tr.	220	9	
4821	9	48.07	2	7	48	10.92 [20]	25	18	6.9	Tr.	159	2	[20] R. A. increased 1 min.
4822	8	49.15	1	7	48	13.17	31	19	65.1	Mu.	232	69	
	9	49.14	2			14.47			62.1	Mu.	231	20	
	..	49.06	2			14.77			59.6	Mer.	159	109	
	7	47.23	1			14.89			64.4 [21]	Mer.	90	6	[21] Decl. changed one wire interval north and eleven rev. south.
4823	8	49.11	1	7	48	13.35	26	51	21.2	Mu.	222	7	
4824	6.7	47.10	1	7	48	18.32	27	42	59.4	Mer.	84	122	
	6	47.18	2			18.40			54.8	Mu.	98	74	
	7	47.12	1			18.73			58.1	Mu.	94	94	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
4825	7	49.22	3	7	48	22.68	33	37	56.3	Mer.	169	58	
	6	49.18	3			22.80			54.9 [1]	Mer.	166	8	[1] Decl. changed one wire interval north.
4826	7	48.06	1	7	48	26.52	23	54	56.5	Mu.	156	90	
	9	48.05	2			27.13			52.4	Tr.	154	53	
4827	7	51.15	5	7	48	35.99	23	4	26.8	Mer.	230	26	
	7	48.06	2			36.12			27.8	Mer.	220	136	
4828	8	49.11	2	7	48	36. . . [2]	27	21	28.0	Mu.	222	8	[2] Separate threads give $36^{s}.16$, $37^{s}.11$.
4829	6	49.18	4	7	48	37.63 [3]	35	29	11.1	Mu.	233	1	[3] One of five threads rejected; R. A.=$26^{s}.87$.
4830	9	49.15	2	7	48	39.95	32	6	. . . .	Tr.	217	64	
4831	9.10	49.14	1	7	48	44.40 [4]	31	14	15.0	Mu.	231	22	[4] "Time of transit doubtful."
4832	9	48.06	1	7	48	47.08	26	4	41.5	Tr.	156	83	
4833	8	48.06	1	7	48	52.09	22	42	61.7	Mer.	220	137	
	8	51.15	3			52.38 [5]			59.3	Mer.	230	27	[5] One of four threads rejected; R. A.=$52^{s}.82$.
	9	51.15	5			52.68			58.3	Tr.	249	19	
4834	9	49.14	2	7	48	53.20	21	37	47.7	Mer.	164	99	
4835	6	49.06	2	7	48	57.87	31	8	38.3	Mer.	159	110	
	7.6	49.15	1			58.15			33.3	Mu.	232	70	
	8.9	49.14	3			58.23			31.8	Mu.	231	21	
	7	47.23	1			58.31			29.1 [6]	Mer.	90	7	[6] Decl. changed two wire intervals north.
4836	7	49.18	3	7	49	1.62	34	27	15.0	Tr.	218	15	
4837	8	47.93	1	7	49	1.92	26	1	58.6	Mer.	215	38	
	8	48.06	2			2.25			56.2	Tr.	156	84	
	7	48.06	1			2.71 [7]			58.2	Mu.	157	79	[7] R. A. decreased 1 min. and increased one thread interval.
4838	8	47.93	1	7	49	2.45	25	32	21.4	Mer.	215	39	
	9	48.08	1			2.68			26.9	Tr.	161	15	
4839	9.10	47.09	1	7	49	6.86 [8]	30	42	25.0	Mer.	83	157 [9]	[8] Thread recorded as $4^{s}.8$, reduced for 48^{s}, and R. A. decreased 1 min.
	9	49.15	2			7.34			26.4	Mer.	165	101	
4840	9	51.23	5	7	49	8.05	21	33	5.0	Tr.	256	7	[9] If R. A. and Decl. be taken as belonging to different stars, and R. A. be reduced as recorded, R. A.=$23^{s}.66$. This agrees with CPD–30°2110, of which the Decl.=34′.8.
	10	51.14	4			8.44			6.6 [10]	Mer.	229	29	
4841	8	48.06	1	7	49	12.64	23	2	10.4	Mer.	220	138	
4842	7	48.06	1	7	49	13.59	23	39	53.0	Mu.	156	91	
4843	7	47.18	1	7	49	15.10	27	53	29.3	Mu.	98	75	[10] Decl. changed four wire intervals south.
	6.7	47.10	1			15.33			31.0 [11]	Mer.	84	123	[11] Decl. changed five rev. south.
	8	47.12	1			16.05 [12]			27.5	Mu.	94	113	[12] R. A. increased one thread interval.
4844	9	47.22	2	7	49	17.64	28	29	44.1	Mu.	102	12	
4845	6.7	47.09	1	7	49	18.17	30	31	35.3	Mer.	83	158	
	6	49.15	3			18.22			32.5 [13]	Mer.	165	102	[13] Decl. changed one wire interval north.
	7.8	47.21	5			18.49			32.2	Mu.	101	11	
4846	8	49.22	3	7	49	28.73	33	31	48.1	Mer.	169	59	
4847	8	49.06	4	7	49	29.31	29	57	28.8	Mu.	217	75	
	7	47.07	4			29.39			27.8	Mu.	88	92	
4848	7	49.11	1	7	49	35.62	26	43	0.2	Mu.	222	9	
4849	9	49.14	2	7	49	43.52	22	9	30.7	Mer.	164	100	
4850	9	48.06	2	7	49	52.77	26	19	42.3	Tr.	156	85	
4851	7	51.23	4	7	50	2.52 [14]	20	40	. . . .	Mer.	235	30	[14] One of five threads rejected; R. A.=$3^{s}.10$.
	. .	51.23	5			2.54			19.7	Mer.	235	31	
4852	8	51.14	4	7	50	3.49 [15]	22	36	28.1	Tr.	248	20	[15] One of five threads rejected; R. A.=$4^{s}.06$.
	8	51.15	5			3.52			30.8	Tr.	249	20	
	6	48.06	1			3.84 [16]			26.4	Mer.	220	139	[16] R. A. decreased 1 min. and one thread interval.
4853	7	47.12	1	7	50	6.60	27	47	10.9	Mu.	94	114	
	7	47.10	1			6.64			8.3	Mer.	84	124	
	7	47.18	1			6.67			8.6	Mu.	98	76	
4854	8	49.23	3	7	50	8.57	36	11	28.7	Mer.	171	16	
4855	9.10	47.09	1	7	50	10.69	30	30	53.1	Mer.	83	159	
4856	10	49.20	2	7	50	14.70 [17]	37	27	46.1	Mu.	235	14	[17] R. A. decreased one thread interval.
4857	8	48.07	2	7	50	20.07	25	1	2.2	Tr.	159	3	
4858	10	49.18	1	7	50	21.54	33	45	35.7	Mer.	166	9	
	8	49.22	3			21.71 [18]			40.3 [19]	Mer.	169	60	[18] R. A. increased 1 min.
4859	9	47.21	1	7	50	22.27	30	26	11.7	Mu.	101	12 [20]	[19] Decl. changed one wire interval south.
4860	6	47.21	4	7	50	23.93	29	53	17.6	Mer.	89	10	[20] Unidentified. Looked for with equatorial but not found.
	6	47.07	3			24.10			11.5	Mu.	88	93	
	8	49.06	3			24.12			13.0	Mu.	217	76	
4861	6	51.14	5	7	50	24.39	22	28	57.5 [21]	Tr.	248	21	[21] One transit thread rejected; Decl.=47″.6.
	6	51.15	5			24.63			54.6	Tr.	249	21	
4862	9	48.06	1	7	50	26.73	25	55	14.2	Tr.	156	86	
	8	47.93	1			26.76			13.4	Mer.	215	40	
	8	48.06	3			27.16			11.0	Mer.	221	153	
4863	9	47.09	1	7	50	28.53	30	28	19.7	Mer.	83	160	
4864	9	51.15	5	7	50	30.41	22	25	39.1	Tr.	249	22	
4865	10	49.18	2	7	50	30.79	34	18	50.9	Tr.	218	16	
4866	9	49.22	1	7	50	41.13	33	58	52.1	Mer.	169	61	
4867	9	49.14	2	7	50	43.94	22	3	55.5	Mer.	164	101	
4868	9.10	49.12	2	7	50	44.56	32	43	36.9	Mu.	224	1	
4869	9	49.11	1	7	50	47.86	26	53	46.9	Mu.	222	10	
4870	9	47.22	1	7	51	1.59	28	50	40.5	Mu.	102	13	
4871	9	47.22	1	7	51	2.80	28	52	56.5	Mu.	102	14	
4872	7	48.06	1	7	51	3.70	24	7	18.7	Mu.	156	92	
	10	48.05	1			4.01 [22]			13.1	Tr.	154	54	[22] Minute assumed.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
4873	10	51.23	5	7	51	17.52	20	21	7.2[1]	Mer.	235	32	[1] Decl. changed one rev. south.
4874	6	49.22	1	7	51	21.63	33	58	45.3	Mer.	169	62	
	7	49.18	2			21.93			44.9	Mer.	166	10	
4875	8	49.12	2	7	51	22.61	32	51	3.3	Mu.	224	2	
4876	8	49.12	2	7	51	25.39	32	44	24.3	Mu.	224	3	
4877	7.8	47.18	1	7	51	25.50	27	56	44.8	Mu.	98	77	
	7.8	47.10	1			26.04			44.9	Mer.	84	125	
4878	9	47.93	1	7	51	25.78	25	47	8.9	Mer.	215	41	
	9	48.06	1			26.29			5.3	Mer.	221	154	
	10	48.08	2			26.32			3.0	Tr.	161	16	
4879	8.9	49.18	3	7	51	30.61	34	49	6.8	Mu.	233	2	
4880	8.9	49.18	4	7	51	35.28[2]	34	58	41.3	Mu.	233	3	[2] One of five threads rejected; R. A. = $36^s.08$.
4881	6	49.06	4	7	51	41.18	29	56	1.3	Mu.	217	77	
	5.6	47.07	3			41.54			2.5	Mu.	88	94	
4882	9	48.07	3	7	51	42.94	25	12	55.0[3]	Tr.	159	4	[3] Decl. changed one rev. north.
4883	7	48.06	1	7	51	43.05	22	34	7.6	Mer.	220	140	
4884	8	48.06	2	7	51	48. . .[4]	22	36	26.6	Mer.	220	141	[4] Separate threads give $48^s.04$, $49^s.03$.
4885	8	47.12	1	7	51	49.96	27	26	5.2	Mu.	94	115	
4886	9	49.06	3	7	51	53.35	31	29	10.4[5]	Mer.	159	111	[5] Decl. changed five rev. south.
	9	49.15	1			53.42			8.9[6]	Mu.	232	71	[6] Decl. changed five rev. south.
	9	49.14	4			53.45			15.0	Mu.	231	23	
	6	47.23	3			53.70			13.5	Mer.	90	8	
4887	8	49.20	3	7	51	57.29	36	56	10.5[7]	Tr.	220	10	[7] Decl. changed two rev. north.
4888	9	51.14	5	7	52	1.65	21	5	7.0[8]	Mer.	229	30	[8] Decl. changed one wire interval south.
	7	51.23	5			1.67			6.0	Tr.	256	8	
4889	8	49.22	1	7	52	3.34	33	33	45.0	Mer.	169	63	
4890	9	49.18	2	7	52	9.92	34	31	34.4	Tr.	218	17	
4891	9	49.15	1	7	52	11.35	30	50	57.0	Mer.	165	104	
	9	47.09	1			11.96			60.5	Mer.	83	161	
4892	9	49.15	1	7	52	12.86	31	42	. . . .	Tr.	217	65	
4893	9	49.06	2	7	52	19.91	31	1	49.5	Mer.	159	112	
	9.10	49.14	1			19.94			49.4	Mu.	231	24	
	9	47.09	1			20.01[9]			52.6	Mer.	83	162	[9] R. A. decreased one thread interval.
	9	49.15	1			20.14			48.9	Mu.	232	72	
4894	5	49.11	2	7	52	28.29	27	10	21.1	Mu.	222	11	
4895	10	51.23	5	7	52	29.03	20	41	10.3	Mer.	235	33	
4896	8	49.11	1	7	52	35.19	27	2	53.7	Mu.	222	12	
4897	8	49.20	2	7	52	38.23	37	10	38.2	Tr.	220	11	
4898	4	51.15	5	7	52	39.70[10]	22	54	22.3	Mer.	230	28	[10] Last three threads increased 1 sec. each. No chronograph tape found.
	7	51.14	5			39.74			25.8	Tr.	248	22	
	5	48.06	2			39.85			22.3	Mer.	220	142	
4899	8	49.14	3	7	52	40.54	21	41	21.8	Mer.	164	102	
4900	9	49.15	2	7	52	41.50	31	53	. . . .	Tr.	217	66	
4901	7	47.12	2	7	52	44.42	27	30	10.6	Mu.	94	116	
	7	47.10	1			45.06			9.0	Mer.	84	126	
4902	7	48.06	1	7	52	55.17[11]	23	32	32.3	Mu.	156	93	[11] R. A. increased 10 sec.
	10	48.05	2			55.44			38.1	Tr.	154	55	
4903	9	48.06	1	7	52	59.29	26	41	35.6	Tr.	156	87	
4904	9.10	49.12	1	7	52	59.78	32	10	19.7	Mu.	224	4	
4905	9	49.23	2	7	52	59.87	36	1	10.4	Mer.	171	17	
4906	. .	51.23	5	7	53	0.64	21	32	. . . .	Tr.	256	9	
4907	6	51.23	5	7	53	1.11	21	30	56.5	Tr.	256	10	
4908	9	49.18	2	7	53	2.54	34	32	56.1	Tr.	218	18	
4909	10	49.12	1	7	53	5.79	32	9	14.1	Mu.	224	5	
4910	8	49.23	3	7	53	7.42	36	36	28.8	Mer.	171	18	
4911	8.9	47.09	1	7	53	13.17[12]	30	40	16.0	Mer.	83	163	[12] "Minute doubtful; 52 or 53."
	9	49.15	2			15.82			12.3	Mer.	165	105	
4912	8	49.15	1	7	53	17.33	30	25	2.5	Mer.	165	106	
	8.9	47.21	2			17.66[13]			1.2	Mu.	101	13	[13] One of three threads rejected; R. A. = $18^s.51$.
4913	10	49.14	2	7	53	19.92	28	56	39.5	Tr.	215	21	
	8	47.22	2			20.08			38.5	Mu.	102	15	
4914	8	49.22	2	7	53	21.45	33	30	26.7	Mer.	169	64	
	8	49.18	2			21.54			24.1	Mer.	166	11	
4915	7	47.18	3	7	53	23.46	28	1	32.0	Mu.	98	78	
4916	8	49.14	2	7	53	25.30	21	52	40.3	Mer.	164	103	
4917	8.9	49.18	3	7	53	26.06	34	53	54.2	Mu.	233	4	
4918	. .	51.14	5	7	53	28.96	20	55	30.1	Mer.	229	31	
	. .	51.23	5			29.11			34.3	Mer.	235	34	
4919	12	48.06	1	7	53	32.80	25	39	2.2	Mer.	221	155	
4920	7	49.11	1	7	53	36.17	26	52	37.1	Mu.	222	13	
4921	8	51.15	5	7	53	37.21	22	56	38.2	Mer.	230	29	
	9	51.14	5			37.41			34.3	Tr.	248	23	
	7	48.06	2			37.44			41.3	Mer.	220	143	
4922	7	47.10	1	7	53	37.85	27	41	57.6	Mer.	84	127	
	8	47.12	1			38.46			57.2	Mu.	94	117	
4923	10	48.08	2	7	53	43.27	25	39	35.0	Tr.	161	17	
4924	8	49.20	4	7	53	43.50	37	38	48.7	Mu.	235	15	
4925	8	47.07	3	7	53	50.27	30	0	19.6	Mu.	88	95	
	9	47.23	4			50.27			19.2	Mu.	103	1	
4926	8	47.07	2	7	53	57. . .[14]	29	58	4.9	Mu.	88	96	[14] Separate threads give $58^s.51$, $57^s.62$.
	9	47.23	4			57.82			4.6	Mu.	103	2	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
4927	9	49.22	1	7	54	1.97	33	45	51.1	Mer.	169	65	
4928	7.8	49.20	2	7	54	2.32	36	53	41.9	Tr.	220	12	
4929	9	48.07	2	7	54	2.49 [1]	24	58	40.6	Tr.	159	5	[1] Separate threads give $2^{s}.88$, $2^{s}.11$.
4930	8	49.15	1	7	54	2.50	31	34	38.6	Mu.	232	73	
	9	49.06	2			2.75			38.9	Mer.	159	113	
	7	47.23	1			2.83 [2]			42.2	Mer.	90	9	[2] R. A. decreased 5 min.
	10	49.14	1			2.97			39.2 [3]	Mu.	231	25	[3] Decl. changed five rev. north.
4931	9	49.14	2	7	54	3.83	29	6	21.5	Tr.	215	22	
	7.8	47.22	2			3.84			20.0	Mu.	102	16	
	7.8	47.10	3			4.01			21.0	Mu.	90	12	
4932	9	48.06	2	7	54	4.42	26	10	55.1	Tr.	156	88	
	8	48.06	1			4.44			59.4	Mu.	157	80	
4933	9	47.93	2	7	54	7.31	25	52	6.7	Mer.	215	42	
	10	48.06	1			7.47			3.9	Mer.	221	156	
4934	..	51.15	5	7	54	9.51	22	26	50.1	Tr.	249	23	
4935	9	49.06	2	7	54	12.76	31	22	11.8	Mer.	159	114	
	7	47.23	2			13... [4]			13.4	Mer.	90	10	[4] Minute assumed. Separate threads give $13^{s}.82$, $15^{s}.29$.
	10	49.14	2			13.06			10.8	Mu.	231	26	
4936	10	49.14	2	7	54	13.92	31	30	17.8	Mu.	231	27	
	8	49.15	1			14.12 [5]			10.0	Mu.	232	74	[5] R. A. increased one thread interval.
4937	9	47.21	2	7	54	18.37	30	47	19.3	Mu.	101	14	
	8	47.09	1			19.52			23.5	Mer.	83	164	
4938	9	49.18	2	7	54	22.85	35	5	26.5	Mu.	233	5	
4939	9	49.12	..	7	54	27...	32	18	9.2 [6]	Mu.	224	6	[6] Decl. changed one rev. south.
4940	8	49.18	3	7	54	38.35	33	51	34.7	Mer.	166	12	
	7	49.22	1			38.65			33.8	Mer.	169	66	
4941	7	49.11	1	7	54	42.38	26	49	2.5	Mu.	222	14	
4942	..	49.22	2	7	54	44.57	33	42	49.2	Mer.	169	67	
	8	49.18	3			44.65			50.3	Mer.	166	13	
4943	8	49.15	2	7	54	45.13	30	39	52.2	Mer.	165	107	
	8	47.09	1			45.67			53.5	Mer.	83	165	
4944	9	49.18	1	7	54	47.18	34	55	8.5	Mu.	233	6	
4945	..	49.14	5	7	54	48.53	21	55	34.6	Mer.	164	104	
4946	..	49.14	1	7	54	51.69	21	55	25.5	Mer.	164	105	
4947	..	47.23	..	7	54	52...	31	20	42.8	Mer.	90	11 [7]	[7] Decl. changed one rev. south. If no change is made this star may be CPD–31°2049 with R. A.=34^{s}.
4948	9	48.05	1	7	54	53.26	23	25	11.8	Tr.	154	56	
4949	9	49.18	1	7	54	55.49	33	45	55.1	Mer.	166	14	
	..	49.22	1			55.62			51.3	Mer.	169	68	
4950	7	48.07	2	7	54	55.57	25	0	9.4	Tr.	159	6	
4951	7	51.14	5	7	54	58.37	20	57	5.2 [8]	Mer.	229	32	[8] Decl. changed ten rev. north.
	10	51.23	5			58.49			9.9 [9]	Mer.	235	35	[9] Decl. changed five rev. north.
4952	9	49.12	2	7	55	0.12	33	27	21.2	Tr.	213	1	
4953	8	47.10	1	7	55	3.47	27	28	22.0	Mer.	84	128	
4954	10	48.06	1	7	55	4.96	26	39	2.7	Tr.	156	89	
4955	9	49.15	2	7	55	6.38 [10]	31	57	....	Tr.	217	67	[10] R. A. decreased one thread interval.
4956	9	49.14	2	7	55	7... [11]	28	44	53.5	Tr.	215	23	[11] Separate threads give $6^{s}.50$, $7^{s}.60$.
	7	47.22	1			7.44			57.5	Mu.	102	17	
4957	8	47.10	1	7	55	9.35	29	8	51.8	Mu.	90	13	
4958	8	51.23	5	7	55	10.45	20	44	47.1	Mer.	235	36	
4959	11	51.23	5	7	55	11.30	21	13	18.7	Tr.	256	11	
4960	9	51.15	5	7	55	11.42 [12]	22	48	51.5	Mer.	230	30	[12] R. A. of Mer. 230, No. 30, and Tr. 249, No. 24, decreased 3 sec. each. GZ gives $11^{s}.9$. No chronograph tape found for this night.
	9	51.15	5			11.91 [12]			45.8	Tr.	249	24	
	8	48.06	3			11.94			50.3	Mer.	220	144	
4961	8	48.06	1	7	55	15.76	23	34	50.7 [13]	Mu.	156	94	[13] Decl. changed five rev. south.
4962	8	49.15	1	7	55	16.13 [14]	31	4	50.4	Mu.	232	75	[14] R. A. decreased one thread interval.
	9.10	49.14	1			16.60			58.0	Mu.	231	28	
4963	8	47.10	1	7	55	21.76	27	16	23.9	Mer.	84	129	
	9	47.12	1			21.94			24.7	Mu.	94	118	
4964	9	47.12	1	7	55	29.39	27	15	50.0	Mu.	94	119	
4965	9	49.18	2	7	55	29.41	34	14	51.5	Tr.	218	20	
4966	8	47.07	2	7	55	36.06	30	10	43.3	Mu.	88	98	
	9	47.23	3			36.39			44.6	Mu.	103	3	
4967	8	47.07	2	7	55	37.28	30	12	26.4	Mu.	88	97	
	9	47.23	4			37.38			25.2	Mu.	103	4	
4968	8	47.18	2	7	55	41.87	27	59	38.6	Mu.	98	79	
4969	6	49.11	1	7	55	44.46	26	48	4.8 [15]	Mu.	222	15	[15] Decl. changed five rev. south.
4970	7	49.11	1	7	55	50.95	26	50	15.7	Mu.	222	16	
4971	8.9	49.18	3	7	55	51.28	34	57	57.6	Mu.	233	7	
4972	9	47.93	2	7	55	54.06	26	3	3.9	Mer.	215	43	
	9	48.06	1			54.91 [16]			3.0	Mu.	157	81	[16] R. A. decreased one thread interval.
4973	9	49.18	1	7	55	58.38	34	16	33.8	Tr.	218	21	
4974	8	48.08	2	7	56	1.51	25	38	60.7	Tr.	161	18	
	9	47.93	2			1.82			59.9	Mer.	215	44	
	8	48.06	3			1.86			60.4	Mer.	221	157	
4975	9	51.23	5	7	56	4.93	20	24	44.2	Mer.	235	37	
4976	9	47.15	2	7	56	4.99 [17]	30	43	19.1	Mu.	96	1	[17] One of three threads rejected; R. A.=$4^{s}.28$.
	9	47.21	2			5.25 [18]			17.3	Mu.	101	15	[18] One of three threads rejected; R. A.=$6^{s}.96$.
	8	49.15	1			5.34			17.1	Mer.	165	108	
	7.8	47.09	1			5.64 [19]			18.1	Mer.	83	167	[19] R. A. decreased one thread interval.
4977	8	49.14	2	7	56	5.56	21	50	46.8	Mer.	164	106	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
4978	9	49.12	3	7	56	6.61[1]	32	45	49.2	Mu.	224	7	[1] One thread increased 30 sec.
4979	9	49.12	3	7	56	6.98[2]	32	53	9.2	Mu.	224	8	[2] Two threads increased 30 sec. each.
4980	7	49.20	4	7	56	8.31	36	52	9.6	Tr.	220	13	
4981	9.10	49.14	2	7	56	13.83	31	1	12.5	Mu.	231	29	
	9	49.06	2			14.15			14.5	Mer.	159	116	
	7.8	47.09	1			14.22			16.3	Mer.	83	166	
4982	9	49.14	2	7	56	14.69	28	45	36.8	Tr.	215	24	
	8	47.22	1			14.78			39.2	Mu.	102	18	
4983	9	47.10	1	7	56	15.97	27	52	29.7	Mer.	84	130	
	9	47.18	1			16.01			28.9	Mu.	98	80	
4984	7	49.18	1	7	56	17.04	33	42	52.8	Mer.	166	15	
	8	49.22	2			17.20			54.9	Mer.	169	69	
4985	9	49.18	1	7	56	19.14	34	53	20.7	Mu.	233	8	
4986	7	47.12	1	7	56	26.44[3]	27	7	40.0	Mu.	94	120	[3] R. A. increased 10 sec.
4987	8	49.15	1	7	56	31.96	30	58	16.0[4]	Mu.	232	76	[4] Decl. changed thirty rev. north.
4988	8	49.15	2	7	56	33.82	31	53	....	Tr.	217	68	
4989	6	49.23	5	7	56	35.69	36	38	8.1	Mer.	171	19	
	7	49.20	3			35.72			5.2	Tr.	220	14	
4990	9	51.23	5	7	56	40.13	21	35	27.4	Tr.	256	12	
4991	9	47.22	1	7	56	43.56	28	49	41.3	Mu.	102	19	
4992	9	49.06	2	7	56	45.50	31	29	17.1	Mer.	159	115	
	..	47.23	1			[49.89][5]			21.5	Mer.	90	12	[5] R. A. increased 4 min.
4993	8	48.05	3	7	56	47.17	24	11	5.0	Tr.	154	57	
4994	10	51.15	5	7	56	49.73	22	54	0.5	Mer.	230	31	
	8	48.06	3			49.85			0.4	Mer.	220	145	
4995	8.9	47.15	1	7	56	51.39	30	47	56.2	Mu.	96	2	
	8	49.15	2			51.89			54.8	Mer.	165	109	
	8.9	47.21	2			52.17[6]			54.7	Mu.	101	16	[6] One of three threads rejected; R. A.=$51^{s}.18$.
4996	8	49.23	2	7	56	53.24	36	25	13.4	Mer.	171	20	
4997	..	51.15	4	7	56	57.03	23	17	36.8[7]	Mer.	230	32	[7] Decl. changed one rev. north.
4998	8	49.11	1	7	57	2.87	26	51	10.2	Mu.	222	17	
4999	8.9	49.12	2	7	57	5.21	32	44	9.7	Mu.	224	9	
5000	..	51.23	4	7	57	6.01[8]	20	21	28.6	Mer.	235	38	[8] One of five threads rejected; R. A.=$6^{s}.90$.
5001	7	49.22	2	7	57	8.64	34	7	44.3[9]	Mer.	169	70	[9] Decl. changed ten rev. south.
	7	49.18	1			8.65			45.3	Mer.	166	16	
5002	7.8	49.15	3	7	57	12.85	32	2	....	Tr.	217	69	
5003	9	49.22	1	7	57	14.56	34	7	54.0[10]	Mer.	169	71	[10] Decl. changed ten rev. south
5004	9	49.14	2	7	57	20.94	22	16	46.2	Mer.	164	107	
5005	9	49.15	2	7	57	25.96	30	18	48.4	Mer.	165	110	
	9	47.07	1			26.23			49.1	Mu.	88	99	
5006	9	48.08	2	7	57	26.29	25	36	13.8	Tr.	161	19	
	9	48.06	3			26.30			12.7[11]	Mer.	221	158	[11] Decl. changed two wire intervals north.
	8	47.93	3			26.63			13.4	Mer.	215	45	
5007	8	47.10	1	7	57	26.33	27	57	50.8	Mer.	84	131	
	8.9	47.18	1			25.46			49.3	Mu.	98	81	
5008	10	48.07	3	7	57	26.39	25	4	21.2	Tr.	159	7	
5009	9	48.06	1	7	57	26.86	25	29	33.7	Mer.	221	159	
5010	9	49.18	2	7	57	26.91	34	40	10.9	Mu.	233	9	
5011	8	49.22	1	7	57	28.59	33	57	23.8	Mer.	169	72	
5012	..	51.14	5	7	57	31.07	20	57	20.5[12]	Mer.	229	35	[12] Decl. changed four rev. north.
	8	51.23	5			31.19			19.5	Mer.	235	39	
5013	7	51.14	5	7	57	33.40	21	23	43.3	Mer.	229	33	
	8	51.23	5			33.46			45.2	Tr.	256	13	
5014	7	47.23	1	7	57	35.41[13]	31	16	10.5	Mer.	90	13	[13] R. A. increased 4 min.
	9	49.14	2			35.72			6.5	Mu.	231	30	
	8	49.15	1			35.92[14]			10.7	Mu.	232	77	[14] R. A. decreased one thread interval.
	8	49.06	1			36.17[15]			5.6	Mer.	159	117	[15] R. A. decreased 1 min.
5015	8	47.10	2	7	57	38. ..[16]	28	59	56.1	Mu.	90	14	[16] Separate threads give $38^{s}.56$, $37^{s}.02$.
	8	47.22	1			38.06			57.3[17]	Mu.	102	20	[17] Decl. changed five rev. north.
	9	49.14	2			38.13			55.3	Tr.	215	25	
5016	10	49.18	2	7	57	41.38[18]	34	18	24.4	Tr.	218	22	[18] Minute assumed.
5017	..	51.14	4	7	57	47.19[19]	20	59	26.7[20]	Mer.	229	34	[19] One of five threads rejected; R. A.=$47^{s}.75$.
	8	51.23	5			47.31			26.3	Mer.	235	40	[20] Decl. changed five rev. north.
5018	8.9	48.06	2	7	57	48.37	26	33	13.6	Tr.	156	90	
5019	9.10	49.14	2	7	57	59.24	31	7	46.0	Mu.	231	31	
	9	49.15	1			59.30			46.1	Mu.	232	78	
5020	9	47.22	2	7	57	59.96[21]	28	45	7.0	Mu.	102	21	[21] One thread decreased 20 sec.
	9	49.14	1			60.08			6.3	Tr.	215	26	
5021	9.10	49.20	2	7	58	4.19	36	52	42.7	Tr.	220	15	
5022	6	48.07	3	7	58	14.19	25	16	39.1	Tr.	159	8	
	5	47.93	2			14.63			38.9	Mer.	215	46	
5023	7	48.06	2	7	58	15.21	23	56	32.1	Mu.	.156	95	
	9	48.05	2			15.32			33.4	Tr.	154	58	
5024	8	48.06	1	7	58	20.40	26	12	53.8	Mu.	157	82	
5025	9	51.15	5	7	58	20.76	23	25	1.1	Mer.	230	33	
5026	9	49.15	1	7	58	21.50	30	59	7.5	Mer.	165	111	
	9.10	47.09	1			22.16			11.8	Mer.	83	168	
5027	8	49.12	2	7	58	25.35[22]	32	15	11.3	Mu.	224	10	[22] Separate threads give $24^{s}.97$, $25^{s}.73$.
	7.8	49.15	2			25.37			....	Tr.	217	70	
5028	9	49.15	1	7	58	29.78	30	54	2.1	Mer.	165	112	
	9.10	47.09	1			30.02			1.8	Mer.	83	169	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
5029	7	49.14	2	7	58	31.03[1]	22	0	41.6	Mer.	164	108	[1] One of three threads rejected, R. A.=30ˢ.09.
5030	7	47.10	2	7	58	36.64	29	32	37.7	Mu.	90	15	
5031	8	48.06	1	7	58	39.32	22	48	15.5	Mer.	220	146	
5032	10	48.06	1	7	58	40.04	26	5	31.9[2]	Tr.	156	91	[2] Decl. changed one rev. north.
5033	9.10	47.18	1	7	58	40.50	28	7	25.0	Mu.	98	82	
5034	8	51.19	..	7	58	43...	22	16	45.1	Mer.	231	1	
5035	8	47.10	1	7	58	58.55	29	31	20.8	Mu.	90	16	
5036	10	49.18	2	7	58	58.87	34	28	29.7	Tr.	218	23	
5037	9	48.06	2	7	59	7...[3]	26	20	10.9	Tr.	156	92	[3] Separate threads give 8ˢ.03, 7ˢ.12.
	7	48.06	1			7.20			13.9	Mu.	157	83	
5038	8	48.07	1	7	59	12.58	24	47	50.6	Tr.	159	9	
5039	8	49.12	2	7	59	16.62	33	10	0.2	Tr.	213	2	
5040	7.8	47.10	1	7	59	17.48	27	37	50.0	Mer.	84	132	
	9	47.12	1			17.64			48.6	Mu.	94	121	
5041	8	49.18	3	7	59	18.42	33	53	29.8	Mer.	166	17	
	7	49.22	3			18.84[4]			27.7	Mer.	169	73	[4] R. A. decreased 1 min.
5042	..	51.23	5	7	59	19.67	20	32	5.7	Mer.	235	41	
	11	51.24	5			19.70			4.7	Tr.	257	1	
	9	51.19	5			19.78			8.4	Tr.	252	1	
5043	9	48.08	2	7	59	25.26	25	20	25.5	Tr.	161	20	
	8	47.93	3			25.49			24.3	Mer.	215	47	
5044	8	49.11	2	7	59	28...[5]	27	1	0.8	Mu.	222	18	[5] Separate threads give 27ˢ.42, 29ˢ.01. AW gives 27ˢ.8. GZ gives 28ˢ.2.
5045	10	51.19	5	7	59	30.24	20	5	49.6	Tr.	252	2	
5046	9	47.21	3	7	59	32.61[6]	30	22	33.4	Mu.	101	17	[6] One thread decreased 10 sec.
	7.8	47.09	1			32.88			35.8	Mer.	83	170	
	9	47.15	3			32.99			33.8	Mu.	96	3	
5047	9	47.23	3	7	59	36.89	29	56	5.8	Mu.	103	5	
	8	47.07	3			37.12			0.8	Mu.	88	100	
5048	9	51.15	5	7	59	37.46	22	44	49.8	Mer.	230	34	
	9	48.06	2			37.72			54.7	Mer.	220	147	
5049	8	47.10	1	7	59	37.53	29	33	59.1	Mu.	90	17	
5050	7	49.14	3	7	59	53.71	21	47	56.5	Mer.	164	109	
5051	7	49.14	2	7	59	54.43	21	36	34.9[7]	Mer.	164	110	[7] Decl. changed five rev. north.
5052	7	49.12	2	7	59	57.73[8]	33	8	35.4	Tr.	213	3	[8] R. A. decreased 1 min.
5053	9	49.12	2	7	59	58.07	32	54	22.4	Mu.	224	11	
5054	9	49.20	2	7	59	58.84	36	35	36.5	Tr.	220	16	
5055	8	47.12	1	7	59	59.23	27	48	46.3	Mu.	94	122	
5056	9	49.12	1	8	0	1.42	32	40	45.9	Mu.	224	12	
5057	8	51.19	5	8	0	7.98	22	21	14.7	Mer.	231	2	
	9	51.15	5			8.49			21.4[9]	Tr.	249	25	[9] One transit thread rejected; Decl.=31″.8.
5058	9	51.23	5	8	0	15.09	21	12	31.5	Tr.	256	14	
	..	51.14	5			15.18			30.2[10]	Mer.	229	36	[10] Decl. changed three wire intervals north.
5059	9	49.18	2	8	0	21.37	34	19	34.5	Tr.	218	24	
5060	..	51.14	4	8	0	34.91[11]	21	15	0.0	Mer.	229	37	[11] One of five threads rejected; R. A.=35ˢ.71.
5061	5	49.11	2	8	0	37.80	26	41	5.2	Mu.	222	19	
	9	48.06	2			37.95			9.3	Tr.	156	93	
5062	9	49.11	2	8	0	40.53	26	40	2.7	Mu.	222	20	
5063	7	51.19	5	8	0	40.93	20	7	28.1	Tr.	252	3	
5064	9	47.15	4	8	0	49.72	30	44	19.8	Mu.	96	4	
	8	47.09	2			49.73			20.0	Mer.	83	171	
	8	49.15	3			49.96[12]			17.3	Mer.	165	113	[12] R. A. increased 1 min.
5065	6	47.22	4	8	0	51.64	28	57	27.2[13]	Mu.	102	22	[13] Decl. changed five rev. north.
	9	49.14	3			51.67			24.4	Tr.	215	27	
5066	9.10	47.18	1	8	0	53.81	28	11	49.2	Mu.	98	83	
5067	..	51.19	5	8	1	0.73	22	28	54.6	Mer.	231	3	
	9	51.15	5			0.97			51.4	Tr.	249	26	
5068	10	47.93	1	8	1	2.91	25	57	16.5	Mer.	215	48	
	9	48.08	2			3.42			17.4	Tr.	161	21	
5069	..	51.23	5	8	1	6.34	20	15	7.0	Mer.	235	42	
5070	10	48.07	2	8	1	6.94	25	20	44.5	Tr.	159	10	
5071	3	48.06	3	8	1	8.99	23	52	27.6	Mu.	156	96	
	4.5	48.05	5			9.74			30.0	Tr.	154	59	
	3	49.13	3			9.83			28.3	Mu.	229	1	
5072	10	48.06	1	8	1	25.13	25	56	42.6	Tr.	156	94	
	9	47.93	1			26.00			42.5	Mer.	215	49	
5073	10	48.08	1	8	1	27.35	25	46	32.4	Tr.	161	22	
5074	8	48.06	4	8	1	29.96	22	57	2.5	Mer.	220	148	
5075	9	49.15	3	8	1	32.17	31	34	....	Tr.	217	71	
	9	49.06	4			32.40			46.1	Mer.	159	118	
	10	49.14	2			32.48			43.2	Mu.	231	32	
	8	49.15	2			32.60			44.6	Mu.	232	79	
5076	8	47.18	1	8	1	33.49	27	53	23.2	Mu.	98	84	
5077	8	49.23	4	8	1	34.03[14]	35	57	26.2	Mer.	171	21	[14] Two threads increased 10 sec. each.
5078	7	49.14	3	8	1	38.90	21	42	11.7	Mer.	164	111	
5079	8	48.06	1	8	1	49.45	25	22	55.1	Mer.	221	160	
	8	48.07	1			50.10			50.9	Tr.	159	11	
5080	7	48.06	2	8	1	52...[15]	23	11	2.6	Mer.	220	149	[15] Separate threads give 52ˢ.15, 53ˢ.06.
5081	9.10	49.12	1	8	1	56.56	32	39	31.5	Mu.	224	13	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
5082	9	47.15	3	8	2	1.59	31	1	10.2	Mu.	96	5	
	7	49.06	3			1.60			9.4 [1]	Mer.	159	119	[1] Decl. changed one wire interval north.
	10	49.14	1			1.74			8.1	Mu.	231	33	
	7.8	47.09	2			1.85			12.0	Mer.	83	172	
	9	49.15	1			1.94			6.7	Mu.	232	80	
	8	49.15	1			2.01			11.6	Mer.	165	114	
5083	..	48.06	1	8	2	5.69	25	42	52.4 [2]	Mer.	221	161	[2] Decl. changed five rev. north.
	10	47.93	1			6.66			55.0	Mer.	215	50	
5084	8.9	49.20	1	8	2	7.88	37	0	11.3	Tr.	220	17	
5085	9	47.15	1	8	2	8.54	30	22	14.9	Mu.	96	6	
5086	9	47.15	1	8	2	11.76	30	21	23.6	Mu.	96	7	
5087	7	49.18	2	8	2	13.96	33	35	7.0	Mer.	166	18	
5088	10	48.05	2	8	2	16.72	23	57	12.0 [3]	Tr.	154	60	[3] Decl. changed one rev. north.
	7	48.06	1			17.01			9.4	Mu.	156	97	
5089	8	48.06	1	8	2	16.84 [4]	23	6	32.4	Mer.	220	150	[4] R. A. decreased 1 min.
5090	7	51.23	5	8	2	17.68	21	15	55.0	Tr.	256	15	
	7	51.14	5			17.90			53.5	Mer.	229	39	
5091	8	49.18	2	8	2	19.33	34	46	35.4	Tr.	218	25	
	7	49.18	4			19.45			36.6	Mu.	233	10	
5092	7	49.15	2	8	2	25.02 [5]	30	38	36.7	Mer.	165	115	[5] R. A. decreased 1 min.
5093	9	49.12	2	8	2	25.54	32	54	21.2	Tr.	213	4	
	8.9	49.12	2			25.76			22.3	Mu.	224	14	
5094	9	49.12	1	8	2	26.17	32	41	30.6	Mu.	224	15	
5095	10	49.20	3	8	2	31.81	37	33	22.4 [6]	Mu.	235	16	[6] Decl. changed one rev. north.
5096	8	49.23	2	8	2	32.96	35	59	7.1	Mer.	171	22	
5097	8	49.21	3	8	2	35.34	41	22	45.6	Tr.	222	1	
5098	9	51.23	5	8	2	35.38	20	40	24.5	Mer.	235	43	
5099	9	51.23	5	8	2	36.20	20	42	49.8	Mer.	235	44	
5100	6	51.14	5	8	2	42.25	21	8	13.8	Mer.	229	38	
5101	9	48.08	2	8	2	49.74	25	47	41.7	Tr.	161	23	
5102	9.10	47.22	2	8	2	53.12	28	48	16.6	Mu.	102	23	
5103	8	48.06	1	8	2	58.48	22	59	18.4	Mer.	220	151	
5104	7	47.10	3	8	3	3.37	29	26	6.4	Mu.	90	18	
	8	47.21	4			3.47			6.3	Mer.	89	13	
5105	8	47.23	5	8	3	4.64	29	53	7.1	Mu.	103	6	
5106	8.9	49.12	1	8	3	6.02	32	48	41.7	Mu.	224	16	
	9	49.12	2			6.06			38.3	Tr.	213	5	
5107	7	49.20	2	8	3	7... [7]	37	14	45.7	Mu.	235	17	[7] Separate threads give $7^{s}.39$, $8^{s}.22$.
	7	49.20	2			7.79			45.2	Tr.	220	18	
5108	6	49.15	2	8	3	12... [8]	31	12	27.0	Mu.	232	81	[8] Separate threads give $13^{s}.26$, $12^{s}.33$.
	..	47.23	1			12.82			34.5 [9]	Mer.	90	14	[9] Decl. changed one wire interval north.
	6	49.06	3			12.98			29.7	Mer.	159	120	
	8.9	49.14	3			13.29			32.2	Mu.	231	34	
5109	7	51.19	5	8	3	14.27	22	22	26.3	Mer.	231	4	
5110	9	51.19	5	8	3	14.35	20	21	45.8	Tr.	252	5	
5111	7	49.11	1	8	3	19.00	27	0	47.4	Mu.	222	21	
5112	8	49.11	1	8	3	24.95	26	41	34.5	Mu.	222	22	
5113	7	49.13	3	8	3	28.44	24	4	52.6	Mu.	229	2	
	8	48.06	1			28.48			52.5	Mu.	156	98	
	11	48.05	3			28.52			50.1	Tr.	154	61	
5114	6.7	49.18	4	8	3	29.99	35	1	4.5	Mu.	233	11	
5115	7.8	47.09	1	8	3	30.63	30	38	54.6	Mer.	83	173	
	9	47.21	2			30.70 [10]			50.6	Mu.	101	18	[10] Separate threads give $31^{s}.07$, $30^{s}.33$.
	8	49.15	3			30.70			52.7	Mer.	165	116	
5116	8	48.06	1	8	3	32.86	25	24	37.3	Mer.	221	162	
	9	47.93	3			32.89			37.8	Mer.	215	51	
	9	48.07	2			33.91 [11]			38.8	Tr.	159	12	[11] Gou gives $32^{s}.7$.
5117	9	47.22	1	8	3	34.55	28	51	32.3	Mu.	102	24	
5118	8	48.06	2	8	3	41.63	23	3	28.5	Mer.	220	152	
5119	10	49.20	1	8	3	41.74	37	21	39.4	Mu.	235	18	
5120	9	51.23	5	8	3	42.52	20	22	36.3	Mer.	235	46	
5121	8	51.23	5	8	3	42.80	20	28	8.3	Mer.	235	45	
	10	51.19	5			42.87			10.1	Tr.	252	4	
	9	51.19	5			42.92			9.2	Tr.	252	6	
	9	51.24	5			43.15 [12]			4.2	Tr.	257	2	[12] R. A. decreased 1 sec. No chronograph tape found.
5122	6	49.14	4	8	3	45.20	22	5	33.6	Mer.	164	112	
5123	10	49.18	1	8	3	46.47	34	38	25.1	Tr.	218	26	
5124	8	51.19	..	8	3	52...	22	24	32.2	Mer.	231	6	
5125	8	51.19	5	8	3	52.83	22	25	59.4	Mer.	231	5	
5126	8	49.15	2	8	4	2.12	30	44	4.9	Mer.	165	117	
5127	10	51.23	5	8	4	2.28	21	31	13.1	Tr.	256	16	
5128	8	49.23	2	8	4	3.36	36	23	34.4	Mer.	171	23	
5129	10	51.23	5	8	4	3.75	21	25	14.3	Tr.	256	17	
5130	10	48.06	1	8	4	4.90	26	5	33.0	Tr.	156	95	
	9	47.93	1			5.31			35.3	Mer.	215	52	
5131	8	48.06	1	8	4	14.50	22	56	50.8	Mer.	220	153	
5132	8.9	49.12	2	8	4	14.82	32	28	41.9	Mu.	224	17	
5133	8	47.21	1	8	4	18.41	29	35	56.3 [13]	Mer.	89	14	[13] Decl. changed one rev. south.
	8	47.10	1			18.97			50.4	Mu.	90	19	
5134	7	49.18	1	8	4	21.43	33	35	19.5	Mer.	166	19	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
5135	7	47.21	1	8	4	21.61[1]	29	47	45.5	Mer.	89	15	[1] R. A. decreased 1 min. and one thread interval.
5136	9	49.15	2	8	4	22.01	32	18	....	Tr.	217	72	
	9	49.12	1			22.61			7.9	Mu.	224	18	
5137	9	47.22	1	8	4	22.85	29	0	30.2	Mu.	102	25	
5138	9.10	49.18	1	8	4	30.77	35	12	22.7	Mu.	233	12	
5139	8	49.15	2	8	4	33.23	30	27	58.7	Mer.	165	118	
	8	47.09	2			33.40			61.9	Mer.	83	174	
	9.10	47.15	3			33.54			59.1	Mu.	96	8	
5140	9	47.23	4	8	4	40.88	29	42	23.3	Mu.	103	7	
	7	47.21	1			40.94[2]			23.2	Mer.	89	16	[2] Minute assumed. R. A. decreased one thread interval.
	8	47.10	1			41.30			23.5	Mu.	90	20	
5141	9	47.18	2	8	4	43.10	28	3	54.8	Mu.	98	85	
5142	9	49.20	1	8	4	43.78	37	43	22.8	Mu.	235	19	
5143	9.10	49.18	1	8	4	45.67	35	9	7.1	Mu.	233	13	
5144	8	49.21	3	8	4	46.63	35	47	30.2	Mer.	168	1	
5145	9.10	49.20	1	8	4	48.37	36	44	20.0	Tr.	220	19	
5146	9	49.12	1	8	4	54.46	32	9	42.0	Mu.	224	19	
5147	7.8	49.15	2	8	4	57.69	31	56	....	Tr.	217	73	
5148	9	49.18	1	8	5	2.75	34	28	39.2	Tr.	218	27	
5149	9	48.06	3	8	5	9.68	25	36	25.7	Mer.	221	163	
	9	47.93	3			9.76			24.7	Mer.	215	53	
	9	48.08	2			10.25			24.6	Tr.	161	24	
5150	8	49.15	1	8	5	10.24	31	35	39.4	Mu.	232	82	
	10	49.14	3			10.64			44.9	Mu.	231	35	
	8	47.23	3			11.06[3]			45.0	Mer.	90	15	[3] One thread increased 10 sec.
5151	8	51.14	5	8	5	14.63	21	18	17.2[4]	Mer.	229	40	[4] Decl. changed one rev. south.
5152	9	49.20	1	8	5	19.47	37	49	38.0	Mu.	235	20	
5153	10	49.18	2	8	5	23.33	34	26	41.6	Tr.	218	28	
5154	6.7	49.20	2	8	5	29.11	36	50	58.6	Tr.	220	20	
5155	9	51.23	5	8	5	29.36	21	32	51.8	Tr.	256	18	
5156	10	48.06	1	8	5	35.88	26	39	45.2	Tr.	156	96	
	9	49.11	1			36.12			39.1	Mu.	222	24	
5157	7	49.11	2	8	5	37.02	27	4	43.6	Mu.	222	23	
5158	8	49.23	2	8	5	46.75	36	21	23.4	Mer.	171	24	
5159	9.10	47.23	1	8	5	49.79	29	52	45.1	Mu.	103	9	
5160	9	47.23	4	8	5	51.62[5]	29	45	60.3	Mu.	103	8	[5] One of five threads rejected; R. A. $=52^{s}.43$.
	8	47.10	1			51.95			58.0	Mu.	90	21	
5161	8	49.13	1	8	5	53.28	23	43	45.9	Mu.	229	3	
5162	7	47.18	1	8	5	54.64	28	33	27.3	Mu.	98	86	
	9	49.14	1			54.66			22.1	Tr.	215	28	
	7	47.22	2			54.67			24.0[6]	Mu.	102	26	[6] Decl. changed five rev. south.
	8	47.12	1			54.93			23.9	Mer.	86	1	
5163	9	51.19	5	8	5	57.00	20	35	41.9	Tr.	252	7	
	..	51.23	5			57.05			....	Mer.	235	49	
	8	51.23	5			57.16			40.6	Mer.	235	47	
5164	9	51.23	5	8	6	0.82	20	35	8.0	Mer.	235	48	
	7	51.23	5			0.83			....	Mer.	235	50	
5165	9	47.12	1	8	6	1.61	28	7	48.0	Mer.	86	2	
5166	10	49.15	2	8	6	11.46	31	57	....	Tr.	217	74	
5167	..	51.14	3	8	6	13.30	21	10	55.0[7]	Mer.	229	41	[7] Decl. changed one wire interval south.
	10	51.23	5			13.39			51.1	Tr.	256	19	
5168	7	49.18	3	8	6	13.74	35	19	37.8	Mu.	233	14	
5169	10	49.21	2	8	6	16.09	41	27	54.6	Tr.	222	2	
5170	7	48.06	2	8	6	17.63	22	33	52.9	Mer.	220	154	
5171	9	47.09	2	8	6	22.38	30	37	23.6	Mer.	83	175	
5172	9	47.12	1	8	6	24.28	28	33	55.1	Mer.	86	3	
5173	8	49.18	1	8	6	27.81	35	17	13.9	Mu.	233	15	
5174	8	48.06	1	8	6	28.57	23	44	28.2	Mu.	156	99	
	7	49.13	1			29.24[8]			27.5	Mu.	229	4	[8] R. A. increased 10 sec.
5175	8	51.24	5	8	6	35.29	20	47	33.7	Tr.	257	3	
5176	7	49.18	2	8	6	35.74	34	2	23.2	Mer.	166	20	
5177	10	49.18	1	8	6	39.38	34	37	6.1	Tr.	218	29	
5178	8	48.06	1	8	6	40.68	22	45	39.4	Mer.	220	156	
5179	7	47.21	2	8	6	41.17	29	27	47.9	Mer.	89	17	
	6	47.10	2			42.19			48.8	Mu.	90	22	
5180	9	49.15	1	8	6	41.36	30	37	45.4	Mer.	165	119	
	9	47.15	3			41.65			46.9	Mu.	96	9	
5181	7	49.21	2	8	6	43.97	41	20	28.4	Tr.	222	3	
5182	8	48.06	2	8	6	45.37	23	3	51.1	Mer.	220	155	
5183	6	48.06	1	8	6	50.96	23	50	33.7	Mu.	156	100	
	6	49.13	1			51.55			34.9	Mu.	229	5	
5184	9	51.19	5	8	6	52.82	20	7	36.4	Tr.	252	8	
5185	6.7	49.20	2	8	6	52.89	36	32	31.6	Tr.	220	21	
	7	49.23	3			53.16[9]			27.4	Mer.	171	25	[9] One of four threads rejected; R. A. $=52^{s}.29$.
5186	8	49.23	1	8	6	59.44	36	13	10.4	Mer.	171	26	
5187	9	47.12	2	8	7	1.47	27	23	31.9	Mu.	94	123	
5188	9	49.21	1	8	7	12.71	35	46	48.7	Mer.	168	2	
5189	9	49.18	1	8	7	13.82	34	56	43.0	Mu.	233	16	
5190	8	48.08	2	8	7	15.37	25	42	32.3	Tr.	161	25	
	8	48.06	3			16.05[10]			35.9	Mer.	221	164	[10] R. A. decreased 10 sec.
	9	47.93	2			16.12			31.9	Mer.	215	54	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
5191	6	49.18	2	8	7	19.22 [1]	34	7	43.8	Mer.	166	21	[1] One of three threads rejected; R. A.=18^s.29.
5192	6	49.15	1	8	7	19.74	31	42	25.4	Mu.	232	83	
	9	49.14	1			19.87 [2]			23.1	Mu.	231	36	[2] R. A. increased one thread interval.
5193	7	49.20	2	8	7	21.64	37	28	33.7 [3]	Mu.	235	21	[3] Decl. changed ten rev. south.
5194	9	49.18	1	8	7	23.35	33	52	15.4	Mer.	166	22	
5195	..	51.14	4	8	7	23.41 [4]	20	55	....	Mer.	229	42	[4] One of five threads rejected; R. A.=22^s.59.
	6	51.14	4			23.41 [5]			35.8 [6]	Mer.	229	44	[5] One of five threads rejected; R. A.=23^s.89.
5196	9	49.12	2	8	7	27.58	32	31	9.7	Mu.	224	20	[6] Decl. changed four wire intervals north.
5197	..	51.14	4	8	7	29.80	20	56	6.9 [7]	Mer.	229	45	[7] Decl. changed seven wire intervals north.
	..	51.14	3			29.99 [8]			8.4 [9]	Mer.	229	43	[8] One of four threads rejected; R. A.=29^s.37.
5198	8	49.11	1	8	7	31.58	27	4	42.8	Mu.	222	25	[9] Decl. changed four wire intervals north.
5199	8	49.14	3	8	7	40.81	31	17	26.0	Mu.	231	37	
	6	47.23	5			40.97			29.5	Mer.	90	16	
	5	49.15	2			41.24			26.4	Mu.	232	84	
5200	9	49.12	2	8	7	41.01	32	50	52.3	Mu.	224	21	
5201	9.10	49.18	1	8	7	42.22	34	55	9.6	Mu.	233	17	
5202	10	48.07	2	8	7	44.19	25	15	34.4	Tr.	159	13	
5203	10.11	49.14	1	8	7	45.91	31	5	51.9	Mu.	231	38	
5204	9	47.12	1	8	7	46.09	28	26	57.7	Mer.	86	4	
5205	9	48.06	1	8	7	47.18	23	7	13.0	Mer.	220	157	
5206	4	49.21	2	8	7	50.00 [10]	35	26	57.6	Mer.	168	3	[10] R. A. decreased 1 min. One thread increased 5 sec.
5207	9	49.21	1	8	7	50.46	41	22	7.0 [11]	Tr.	222	4	
5208	8	49.12	2	8	7	50.68	33	7	7.4	Tr.	213	6	[11] Decl. changed two rev. south.
5209	9	49.15	2	8	7	54.20	31	52	....	Tr.	217	75	
5210	6	51.23	5	8	7	57.01	20	40	47.0 [12]	Mer.	235	51	[12] Decl. changed three wire intervals south.
5211	8.9	49.18	2	8	8	1.66	34	17	9.3	Tr.	218	30	
5212	8.9	47.12	1	8	8	2.16	28	35	14.5	Mer.	86	5	
	9	47.22	1			2.55			12.7	Mu.	102	27	
	9	49.14	1			2.67			10.2	Tr.	215	29	
5213	7	49.18	1	8	8	7.24	34	45	18.9	Mu.	233	18	
5214	10	49.20	1	8	8	15.04	37	16	27.7	Tr.	220	22	
	9	49.20	1			15.35			21.4	Mu.	235	22	
5215	5	49.15	3	8	8	15.22	31	41	20.3	Mu.	232	85	
5216	7	49.11	2	8	8	17... [13]	26	57	48.6	Mu.	222	26	[13] Separate threads give 16^s.89, 18^s.23. Gou gives 17^s.1.
5217	8	49.21	2	8	8	19.86	35	52	14.0 [14]	Mer.	168	4	
5218	8	47.93	1	8	8	20.26	25	32	48.4	Mer.	215	55	[14] Decl. interchanged with that of Mer. 168, No. 5.
	8	48.08	1			20.36			40.1	Tr.	161	26	
	7	48.06	3			20.37 [15]			43.6	Mer.	221	165	[15] R. A. decreased 1 min.
5219	8	49.21	2	8	8	20.62	35	53	19.9 [16]	Mer.	168	5	[16] See note on No. 5217.
5220	10	49.20	1	8	8	22.75	37	13	35.3	Mu.	235	23	
5221	7	51.23	5	8	8	25.66	21	13	14.5	Tr.	256	20	
5222	10	49.18	2	8	8	26.44	34	20	23.5	Tr.	218	31	
5223	8	49.23	2	8	8	28.59	36	30	1.8 [17]	Mer.	171	27	[17] Decl. changed one wire interval south.
5224	7	49.18	..	8	8	32...	35	2	17.1	Mu.	233	19	
5225	9	48.06	1	8	8	38.39	25	39	35.9	Mer.	221	166	
5226	9	49.15	1	8	8	47.42	30	27	51.4	Mer.	165	120	
5227	9	49.21	1	8	8	48.83	41	9	11.6	Tr.	222	5	
5228	8	47.18	2	8	8	51.44	27	59	48.5	Mu.	98	87	
	8.9	47.12	1			51.71			52.1 [18]	Mer.	86	6	[18] Decl. changed one wire interval north.
5229	9	47.22	1	8	8	52.96	28	36	49.1	Mu.	102	28	
5230	8	48.06	2	8	8	56.16	23	10	52.9	Mer.	220	158	
5231	9	47.23	3	8	8	57.38	29	57	50.7	Mu.	103	11	
5232	8.9	47.21	3	8	8	59.30	30	24	6.2	Mu.	101	19	
	8.9	47.15	3			59.37			7.7	Mu.	96	10	
	6	49.15	1			59.48			2.9	Mer.	165	121	
	9	47.23	2			59.66			8.1	Mu.	103	10	
5233	9	48.08	1	8	9	5.62	25	41	30.4	Tr.	161	27	
	8	48.06	1			5.79			35.3	Mer.	221	167	
5234	9	49.11	1	8	9	13.19	27	10	58.1	Mu.	222	27	
5235	10	49.20	1	8	9	13.72	37	27	38.6 [19]	Mu.	235	24	[19] Decl. changed ten rev. south. If in addition the horizontal wire be changed from 4 to 3, Decl.=46″.8. Cp 80 gives 51″.
5236	8	49.18	..	8	9	16...	35	14	7.1	Mu.	233	20	
5237	8	49.23	1	8	9	26.33	36	11	58.0	Mer.	171	28	
5238	9	49.18	1	8	9	28.84	34	12	29.5	Tr.	218	32	
5239	8	49.15	1	8	9	33.59	31	31	22.2	Mu.	232	86	
	7.8	47.23	2			33.85 [20]			18.5	Mer.	90	17	[20] R. A. decreased 1 min.
	9.10	49.14	2			33.85			19.6	Mu.	231	39	
5240	9	47.22	1	8	9	34.45	28	41	58.6	Mu.	102	29	
5241	8	48.07	2	8	9	40.78	24	46	29.4	Tr.	159	14	[21] The Decl. of Mer. 165, Nos. 122, 123, and 124, are recorded as doubtful. The Decl. belonging to the R. A. of Mer. 165, No. 122, is supposed to have been omitted.
5242	9	48.07	2	8	9	40.98	24	44	16.2	Tr.	159	15	
5243	9	47.23	1	8	9	43.42	30	7	19.5	Mu.	103	12	
5244	7	49.15	2	8	9	44.04	30	21	....	Mer.	165	122 [21]	
5245	9	47.23	2	8	9	47.35	30	8	37.1	Mu.	103	13	[22] The Decl. recorded against Mer. 165, No. 122, is supposed to belong to the R. A. recorded against Mer. 165, No. 123. See note on No. 5244.
5246	8	47.15	5	8	9	51.74	30	28	2.4	Mu.	96	11	
	7	49.15	2			51.75			4.2	Mer.	165	123 [22]	
	6	47.18	3			51.81			....	Mer.	87	1	
	8	47.21	4			51.85			2.4	Mu.	101	20	[23] Decl. changed two wire intervals south and one rev. north.
5247	9	47.12	1	8	9	54.09	28	19	52.8 [23]	Mer.	86	7	
5248	..	49.15	..	8	9	54...	30	22	11.5	Mer.	165	123 [24]	[24] The R. A. belonging to the Decl. of Mer. 165, No. 123, is supposed to have been omitted. See note on No. 5244.
	9	47.15	1			54.26			9.4	Mu.	96	12	
	..	47.18	1			54.55			.... [25]	Mer.	87	2	
	9	47.21	1			54.93			9.2	Mu.	101	21	[25] Decl. changed three wire intervals north.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
5249	9	49.20	2	8	9	54.60	36	54	51.7	Tr.	220	23	
5250	7	47.21	4	8	9	54.84	29	43	31.5	Mer.	89	18	
5251	7	49.18	1	8	9	56.84	33	36	52.2	Mer.	166	23	
5252	. .	51.23	5	8	9	59.68	20	33	27.7	Mer.	235	52	
	8	51.19	5			59.84			25.8	Tr.	252	9	
	8	51.24	5			59.89			28.1	Tr.	257	4	
5253	6	51.23	5	8	10	10.11	21	25	22.2	Tr.	256	21	
5254	10	49.14	2	8	10	10.21	31	6	34.5	Mu.	231	40	
	9	49.15	1			10.28			36.7	Mu.	232	87	
5255	. .	51.24	5	8	10	17.96	20	51	40.0	Tr.	257	5	
	. .	51.23	4			18. . .[1]			37.3	Mer.	235	53	[1] Separate threads give 17^s.51, 18^s.42, 18^s.39, 18^s.01.
5256	8	49.21	2	8	10	18.13	35	26	44.4	Mer.	168	6	
5257	9.10	47.18	1	8	10	19.88	27	58	46.5	Mu.	98	88	
5258	9	51.19	5	8	10	26.13	20	14	2.5	Tr.	252	10	
5259	9	47.12	2	8	10	31.10	27	24	17.9	Mu.	94	124	
5260	8	49.21	1	8	10	31.48	35	25	29.0	Mer.	168	7	
	8	49.18	1			31.59			31.4	Mu.	233	21	
5261	10	48.06	1	8	10	35.17	26	15	17.1	Tr.	156	97	
5262	8	49.22	2	8	10	45.47	35	44	39.4	Mu.	238	1	
	8	49.21	1			45.98			36.9	Mer.	168	8	
5263	9	49.12	1	8	10	46.51	32	43	0.5	Mu.	224	22	
5264	9	48.06	3	8	10	47.30	23	16	27.2	Mer.	220	159	
5265	. .	51.14	5	8	10	48.54	21	22	5.0	Mer.	229	46	
5266	9	49.18	1	8	10	51.44	33	41	3.2	Mer.	166	24	
5267	7	48.08	2	8	11	9.85	25	50	17.5	Tr.	161	28	
	7	48.06	3			9.98			20.3	Mer.	221	168	
	8	47.93	4			10.04			20.1	Mer.	215	56	
5268	10	49.18	1	8	11	10.16	34	23	52.5	Tr.	218	33	
5269	7	49.11	1	8	11	10.54	26	48	37.9	Mu.	222	28	
5270	8.9	49.12	1	8	11	10.61	32	32	47.6	Mu.	224	23	
5271	9	49.21	3	8	11	11.78	41	25	10.2	Tr.	222	6	
5272	9	51.23	5	8	11	14.90	21	20	9.0	Tr.	256	22	
	. .	51.14	5			14.97			10.3[2]	Mer.	229	47	[2] Decl. changed three wire intervals and one rev. south.
5273	7	47.22	3	8	11	17.80	28	40	9.0	Mu.	102	30	
	9	49.14	1			17.90			2.1	Tr.	215	30	
5274	7	49.18	1	8	11	19.59	34	2	7.9	Mer.	166	25	
5275	9	49.13	1	8	11	21.15	23	58	14.4	Mu.	229	6	
5276	10	49.15	2	8	11	27.29	31	33	. . . .	Tr.	217	76	
	10	49.14	1			27.33			33.1	Mu.	231	41	
	8.9	47.23	2			27.40			34.3	Mer.	90	18	
5277	10	48.06	2	8	11	28.97	26	40	38.3	Tr.	156	98	
	6	49.11	1			29.14			33.2	Mu.	222	29	
5278	10	49.12	2	8	11	29.76	33	11	48.7	Tr.	213	7	
5279	9	48.07	2	8	11	32.04	24	53	55.9	Tr.	159	16	
	8	51.13	5			32.06			55.9	Tr.	246	1	
5280	8	47.10	2	8	11	33.78	29	13	48.1	Mu.	90	23	
	6	47.22	1			34.19			53.1	Mu.	102	31	
5281	8	49.12	2	8	11	34.74	32	24	27.5[3]	Mu.	224	24	[3] Decl. changed five rev. south.
5282	7	49.13	1	8	11	39.15	23	50	32.3	Mu.	229	7	
5283	8	51.19	5	8	11	40.15	22	45	62.4	Mer.	231	7	
	8	48.06	4			40.34			64.5	Mer.	220	160	
	9	51.14	5			40.35			59.6	Tr.	248	24	
5284	9	47.23	1	8	11	51.21	29	59	36.6	Mu.	103	14	
5285	9	48.06	1	8	11	51.39	26	32	3.2	Tr.	156	99	
5286	6.7	47.21	6	8	11	52.45	29	32	20.8	Mer.	89	19	
	6.7	47.10	2			52.52			22.6	Mu.	90	24	
5287	9	49.18	2	8	11	59.05	33	52	22.6	Mer.	166	26	
5288	8	47.93	2	8	12	0.78	25	52	38.6	Mer.	215	57	
	8	48.06	2			0.91			40.8	Mer.	221	169	
	6	48.08	1			1.34			38.6	Tr.	161	29	
5289	7	49.22	3	8	12	5.39	35	36	18.4	Mu.	238	2	
	8	49.21	2			5.87			11.8	Mer.	168	9	
5290	9.10	47.23	2	8	12	7. . .[4]	29	51	45.6	Mu.	103	15	[4] Separate threads give 7^s.60, 6^s.59. GZ gives 6^s.7.
5291	10	49.14	1	8	12	7.94	31	40	30.1	Mu.	231	42	
	10	49.15	1			7.97[5]			35.1	Mu.	232	88	[5] R. A. increased one thread interval.
5292	8	51.23	5	8	12	9.13	21	6	38.4	Tr.	256	23	
5293	9	47.12	1	8	12	10.99	28	32	33.7	Mer.	86	8	
5294	8	49.15	1	8	12	11.35	30	16	15.6[6]	Mer.	165	124	[6] Decl. changed ten rev. north. See note on No. 5244.
5295	11	49.18	1	8	12	20.15	34	19	6.7[7]	Tr.	218	34	
5296	9	49.21	2	8	12	26.43	41	14	36.3	Tr.	222	7	[7] If Decl. be changed one rev. south to agree better with CPD, Decl. = 37$''$.1.
5297	6.7	49.18	3	8	12	33.53	34	59	10.4	Mu.	233	22	
5298	11.10	49.20	1	8	12	36.78	37	0	42.6	Tr.	220	25	
5299	9	47.12	1	8	12	36.96	28	28	51.5	Mer.	86	9	
5300	10	49.12	2	8	12	38.09	33	2	21.7	Tr.	213	8	
5301	7.8	49.20	3	8	12	38.13	36	54	34.4	Tr.	220	24	
5302	9	49.15	1	8	12	38.57	31	57	. . . .	Tr.	217	77	
5303	7	47.22	2	8	12	45.04	29	2	14.3	Mu.	102	32	
	9	49.14	1			45.12			11.6	Tr.	215	31	
5304	11	49.20	2	8	12	47.68	37	28	37.8	Mu.	235	25	
5305	10	51.19	5	8	12	50.04	22	24	39.2	Mer.	231	8	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
5306	7	51.23	5	8	12	54.31	20	47	18.0	Mer.	235	54	
	8	51.24	5			54.32			30.9[1]	Tr.	257	6	[1] If transit threads be decreased 1 sec. each, Decl. = 16″.9. Bo VI gives 18″. No chronograph tape found.
5307	8.9	47.21	1	8	12	55.33	29	41	10.8	Mer.	89	20	
5308	5	49.23	6	8	12	56.79	36	11	49.9	Mer.	171	29	
5309	9	48.06	1	8	13	2.31	22	54	23.3	Mer.	220	161	
5310	9	49.12	2	8	13	15.81[2]	32	38	22.6	Mu.	224	25	[2] Minute assumed.
5311	8	48.07	2	8	13	17.96	24	57	14.7	Tr.	159	17	
	7	51.13	5			18.18			21.9	Tr.	246	2	
5312	8.9	48.06	2	8	13	25.78	26	36	46.4	Tr.	156	100	
	5	49.11	2			26.22			46.0	Mu.	222	30	
5313	9	49.12	2	8	13	27.37	32	33	20.7	Mu.	224	26	
5314	8	49.13	1	8	13	28.60	23	49	40.2	Mu.	229	8	
5315	9.10	47.18	1	8	13	29.89	27	53	31.6	Mu.	98	89	
5316	9	49.21	2	8	13	32.57	41	21	32.5	Tr.	222	8	
5317	9	49.12	2	8	13	34.61	33	16	9.6	Tr.	213	9	
5318	7	48.06	4	8	13	34.95	22	59	33.3	Mer.	220	162	
	9	51.14	4			35.05[3]			35.0	Tr.	248	25	[3] One of five threads rejected; R. A.=$35^{s}.55$.
5319	9	49.20	2	8	13	37.16[4]	37	42	31.3	Mu.	235	26	[4] Separate threads give $36^{s}.79$, $37^{s}.54$.
5320	9	47.23	1	8	13	38.87	31	21	18.3	Mer.	90	19	
	9.10	49.14	3			39.26			15.7	Mu.	231	43	
	9	49.15	1			39.34			11.9	Mu.	232	89	
5321	7	51.13	5	8	13	39.12	25	0	51.3	Tr.	246	3	
5322	8	48.06	3	8	13	40.70[5]	22	53	21.0	Mer.	220	163	[5] R. A. increased 1 min. Two threads decreased one thread interval each.
5323	8	47.18	1	8	13	41.00	27	56	15.1	Mu.	98	90	
	9	47.12	1			41.28			17.8	Mer.	86	10	
5324	6	49.18	2	8	13	42. . .[6]	34	7	16.1	Mer.	166	27	[6] Separate threads give $41^{s}.13$, $42^{s}.27$. Gou gives $42^{s}.2$.
	6.7	49.18	3			42.21[7]			20.8	Tr.	218	35	
5325	8	49.13	1	8	13	43.23	23	58	56.4	Mu.	229	9	[7] Minute assumed.
5326	9	49.14	1	8	13	47.91	28	52	32.6	Tr.	215	32	
	7	47.22	1			48.36[8]			39.8	Mu.	102	33	[8] R. A. increased 20 sec.
5327	6	51.19	5	8	13	55.87	22	27	14.2	Mer.	231	9	
5328	9	51.23	5	8	13	56.27	21	16	6.9	Tr.	256	24	
5329	9	49.18	2	8	13	59.18	34	50	48.8	Mu.	233	23	
5330	7	49.11	1	8	13	59.54	26	43	25.0	Mu.	222	31	
5331	8	47.93	3	8	14	0.71	25	20	47.9	Mer.	215	58	
	8	48.06	3			0.93			48.9	Mer.	221	170	
5332	6	47.18	4	8	14	2.95	30	37	. . . .	Mer.	87	3	
	8	47.15	5			3.21			37.3[9]	Mu.	96	13	[9] Decl. changed one rev. north.
	7	49.15	3			3.24			39.1	Mer.	165	125	
5333	9	48.06	2	8	14	7.53	25	38	15.2	Mer.	221	171	
	10	48.08	2			7.54			13.2	Tr.	161	30	
5334	9.10	47.15	2	8	14	7. . .[10]	30	29	43.8	Mu.	96	14	[10] Separate threads give $7^{s}.75$, $8^{s}.62$.
	9	49.15	1			7.65			44.4[11]	Mer.	165	126	[11] Decl. changed one wire interval north.
5335	7.8	49.20	2	8	14	10.46	36	56	53.5	Tr.	220	26	
5336	7	47.10	3	8	14	10.73	29	4	14.6	Mu.	90	25	
	7	47.22	1			10.96			13.0	Mu.	102	34	
	9	49.14	1			11.15			14.1	Tr.	215	33	
5337	8	49.13	1	8	14	13.72	23	37	31.4	Mu.	229	10	
5338	9	49.21	1	8	14	16.96	41	32	26.8	Tr.	222	9	
5339	9	49.23	2	8	14	19.96	36	8	30.7	Mer.	171	30	
5340	9.10	47.12	1	8	14	20.27	27	54	58.1	Mer.	86	11	
5341	9.10	49.14	2	8	14	22.08	31	31	45.3	Mu.	231	44	
	9	49.15	2			22.09			43.4	Mu.	232	90	
	. .	47.23	2			22.16			45.0	Mer.	90	20	
5342	9	49.12	2	8	14	32.30	33	18	17.9	Tr.	213	10	
5343	9	48.06	1	8	14	32.58	25	49	45.2[12]	Mer.	221	172	[12] Decl. changed one rev. north.
5344	8	49.11	1	8	14	35.30	27	9	58.3	Mu.	222	32	
5345	9	49.18	1	8	14	35.72	33	58	57.6	Mer.	166	28	
5346	. .	51.23	5	8	14	51.19	20	19	. . . .	Mer.	235	56	
	5	51.24	5			51.26			13.4	Mu.	274	1	
	7	51.19	5			51.30			17.4	Tr.	252	11	
	6	51.23	4			51.33			15.4	Mer.	235	55	
5347	9	48.06	1	8	14	53.21	25	51	36.6	Mer.	221	173	
	9	47.93	3			53.22			34.8	Mer.	215	59	
	9	48.08	1			53.35			30.0	Tr.	161	31	
5348	9	49.12	2	8	14	56.89	32	19	19.2	Mu.	224	27	
5349	7	51.13	5	8	14	58.46	24	58	7.9	Tr.	246	4	
	9	48.07	2			58.84			4.1	Tr.	159	18	
5350	7	51.24	5	8	15	3.84	20	12	51.1[13]	Mu.	274	2	[13] Decl. changed five rev. north.
	8	51.23	4			3.96[14]			49.8	Mer.	235	57	[14] One of five threads rejected; R. A.=$3^{s}.47$.
	8	51.19	5			4.05			50.8	Tr.	252	12	
5351	8.9	47.18	1	8	15	12.81	28	5	11.8	Mu.	98	91	
5352	9	49.15	1	8	15	18.74	31	56	. . . .	Tr.	217	78	
5353	10	49.22	1	8	15	19.51	38	8	14.1	Tr.	223	1	
5354	9	49.18	3	8	15	21.18	34	25	13.2	Tr.	218	36	
5355	9	48.08	1	8	15	26.92	25	34	0.8	Tr.	161	32	
5356	7	49.12	3	8	15	28.67	32	34	48.8	Mu.	224	28	
5357	11	51.24	5	8	15	35.68	20	53	45.4[15]	Tr.	257	8	[15] One transit thread rejected; Decl.=$35''.7$.
5358	9	49.18	2	8	15	36.69	33	59	51.1	Mer.	166	29	
5359	8	48.06	3	8	15	38.98	22	56	15.9	Mer.	220	164	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
5360	6	47.18	1	8	15	38.99[1]	30	54	....	Mer.	87	4	[1] R. A. increased 5 sec. If instead R. A. be increased 1 min., this may be the same star as No. 5381.
5361	10	49.15	2	8	15	39.69	31	52	....	Tr.	217	79	
5362	9.10	49.12	1	8	15	40.42	32	34	52.2	Mu.	224	29	
5363	6	49.21	3	8	15	41.10	36	0	38.2	Mer.	168	10	
	5	49.23	4			41.45			35.7	Mer.	171	31	
	4.5	49.22	2			41.47			37.6	Mu.	238	3	
5364	8	51.23	5	8	15	45.21	20	31	54.4	Mer.	235	58	
	8	51.19	5			45.28			48.0	Tr.	252	13	
	9	51.24	5			45.41			54.0	Tr.	257	7	
5365	10	49.21	1	8	15	46.89[2]	35	58	19.0	Mer.	168	11	[2] R. A. increased 1 min.
5366	10	48.07	2	8	15	48.65	25	9	20.0	Tr.	159	19	
5367	..	47.23	1	8	15	53.00	31	34	11.1	Mer.	90	21	
	9.10	49.14	3			53.35			9.4	Mu.	231	45	
	9	49.15	1			53.45			7.7	Mu.	232	91	
5368	7	49.11	1	8	15	53.53	26	43	4.6	Mu.	222	33	
5369	7	47.18	2	8	15	54. ..[3]	28	8	51.9	Mu.	98	92	[3] Separate threads give $54^s.79$, $53^s.36$. Gou and GZ indicate that the second thread should be increased 1 sec.
	8.9	47.26	4			54.63			50.4	Mu.	104	1	
	8	47.12	2			54.66			50.7	Mer.	86	12	
5370	9	49.15	2	8	15	59.69	30	31	5.7	Mer.	165	127	
5371	..	51.13	5	8	16	4.71	24	54	54.2	Tr.	246	5	
	..	51.13	5			4.74			....	Tr.	246	6	
5372	10	49.20	3	8	16	9.70	37	43	24.3	Mu.	235	27	
5373	10	49.12	2	8	16	10.65	32	52	52.4	Tr.	213	11	
5374	8	49.15	1	8	16	16.15	31	26	38.4	Mu.	232	92	
	8.9	49.14	3			16.57			39.3	Mu	231	46	
	..	47.23	1			16.85[4]			....	Mer.	90	22	[4] Minute assumed.
5375	8	51.24	5	8	16	17.18	20	17	7.2	Mu.	274	3	
	9	51.19	5			17.32			3.4	Tr.	252	14	
5376	10	51.23	5	8	16	21.89	21	6	30.6	Tr.	256	25	
5377	8	47.18	1	8	16	22.56	28	29	40.7	Mu.	98	93	
	8	47.12	1			22.90			38.9	Mer.	86	13	
	9	49.14	2			23.03			38.6	Tr.	215	34	
	7	47.22	2			23.09			36.5	Mu.	102	35	
5378	10	49.12	1	8	16	24.03	32	46	35.8	Mu.	224	30	
5379	7	47.21	4	8	16	24.97[5]	29	12	52.7	Mer.	89	21	[5] One of five threads rejected; R. A.=$25^s.82$.
	7	47.10	2			25.26[6]			52.2	Mu.	90	26	[6] One of three threads rejected; R. A.=$24^s.52$.
	6	47.22	1			25.73			54.5	Mu.	102	36	
5380	6	48.08	2	8	16	29.50	25	52	12.9	Tr.	161	33	
	6	48.06	3			29.71			13.9	Mer.	221	174	
	6	47.93	4			29.75			12.3	Mer.	215	60	
5381	9.10	47.15	2	8	16	32.88[7]	30	54	46.7	Mu.	96	15	[7] One thread decreased 10 sec.
5382	10	49.22	2	8	16	41.62	38	2	23.5	Tr.	223	2	
5383	9	49.13	1	8	16	43.11	23	56	54.9	Mu.	229	11	
5384	7	51.13	4	8	16	44.42[8]	26	32	8.1	Mer.	228	1	[8] One of five threads rejected; R. A.=$44^s.91$.
5385	7	49.15	1	8	16	44.76	31	7	44.5	Mu.	232	93	
	9	49.14	1			45.22			44.6	Mu.	231	47	
5386	9	49.22	1	8	16	47.05[9]	35	53	4.4	Mu.	238	4	[9] R. A. increased 1 min.
5387	10	51.26	5	8	16	48.99	19	16	26.6	Tr.	258	1	
5388	10	51.23	5	8	16	49.89	22	21	20.9	Tr.	254	1	
5389	9	49.21	3	8	16	51.96	41	12	54.0	Tr.	222	10	
5390	9	49.18	1	8	16	55.25	33	50	54.6	Mer.	166	30	
5391	9	47.15	3	8	16	57.41	30	57	43.7	Mu.	96	16	
5392	8	47.18	2	8	16	58.99	30	57	....	Mer.	87	5	
5393	10	51.23	5	8	17	2.25	20	35	7.2	Mer.	235	59	
5394	8	49.13	2	8	17	10.52	23	47	23.9	Mu.	229	12	
5395	9.10	49.18	4	8	17	11.41	35	19	8.0	Mu.	233	24	
5396	10	48.07	2	8	17	11.68	24	57	8.2	Tr.	159	20	
	..	51.13	5			12.03			9.9	Tr.	246	7	
5397	8	49.18	1	8	17	15.32	33	45	9.1	Mer.	166	31	
5398	9	49.18	2	8	17	17.26	34	29	3.2	Tr.	218	37	
5399	7	47.12	4	8	17	17.96	27	20	26.4	Mu.	94	125	
	7	47.10	2			18.11			24.9	Mer.	84	133	
	6	49.11	2			18.45			24.8	Mu.	222	34	
5400	8.9	49.15	2	8	17	22.91	31	50	....	Tr.	217	80	
5401	8	47.23	3	8	17	26.81	30	19	14.6	Mu.	103	16	
	8	47.15	1			26.87			15.0	Mu.	96	17	
	4	49.15	3			26.98			12.9	Mer.	165	128	
5402	10	49.20	1	8	17	29.87	36	38	46.0	Tr.	220	27	
5403	11	49.20	1	8	17	31.41	37	45	58.2	Mu.	235	28	
5404	8	48.06	1	8	17	32.04	25	55	17.1	Mer.	221	175	
5405	9	49.11	1	8	17	33.24	26	50	46.8	Mu.	222	35	
5406	9	47.93	2	8	17	33.76	25	42	40.5	Mer.	215	61	
	8	48.06	1			33.88			43.0[10]	Mer.	221	176	[10] Decl. changed one wire interval and one rev. north.
5407	8	47.23	4	8	17	36.36	29	54	39.1	Mu.	103	17	
5408	6	47.22	3	8	17	38.19	28	29	19.2	Mu.	102	37	
	7.8	47.12	2			38.36			22.5	Mer.	86	14	
	7	47.18	2			38.38			....	Mu.	98	94	
	8.9	47.26	4			38.40			23.7	Mu.	104	2	
	8.9	49.14	2			38.42			17.7	Tr.	215	35	
5409	9	47.10	2	8	17	42.92	27	46	38.1	Mer.	84	134	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
5410	7	49.20	1	8	17	44.26	37	48	19.2	Mu.	235	29	
	7.8	49.22	2			44.46			16.4	Tr.	223	3	
5411	..	51.23	5	8	17	53.20	22	23	37.9	Tr.	254	2	
5412	7.8	47.10	2	8	17	54.20	29	22	37.9	Mu.	90	27	
	8	47.21	3			54.21[1]			38.2	Mer.	89	22	[1] One of four threads rejected; R. A. = $54^{s}.97$.
5413	9.10	49.12	1	8	17	55.16	32	29	43.0	Mu.	224	32	
5414	9.10	47.12	1	8	17	59.93	28	34	9.2	Mer.	86	15	
5415	9	47.21	3	8	18	1.74[2]	29	22	19.7	Mer.	89	23	[2] R. A. decreased 2 min.
	8.9	47.10	1			2.35			9.9	Mu.	90	28	
5416	8	49.12	3	8	18	3.07	32	24	53.7	Mu.	224	31	
5417	9.10	49.22	2	8	18	5.49	37	58	3.4	Tr.	223	4	
5418	9	47.93	1	8	18	10.37	25	38	18.7	Mer.	215	62	
	10	48.08	1			10.60[3]			18.6	Tr.	161	34	[3] R. A. decreased one thread interval.
5419	9	49.18	2	8	18	18.49	34	29	3.4	Tr.	218	38	
5420	8	49.23	5	8	18	21.12[4]	36	14	3.6	Mer.	171	32	[4] Four threads increased one thread interval each.
5421	7	48.06	3	8	18	23.46	23	12	27.6	Mer.	220	165	
5422	6	51.19	4	8	18	23.55[5]	22	40	11.9	Mer.	231	10	[5] One of five threads rejected; R. A. = $24^{s}.03$.
	..	51.19	5			23.58			....	Mer.	231	11	
	7	51.14	5			23.66			9.8	Tr.	248	26	
	8	51.23	5			23.71			13.9	Tr.	254	3	
5423	8.9	49.18	4	8	18	23.95	35	1	33.0	Mu.	233	25	
5424	8	49.21	3	8	18	33.32	41	33	5.0	Tr.	222	11	
5425	5	49.13	2	8	18	34.60	23	33	46.4	Mu.	229	13	
5426	..	51.23	5	8	18	38.45	20	15	41.6	Mer.	235	61	
5427	9	49.15	1	8	18	39.35[6]	31	9	38.3	Mu.	232	94	[6] R. A. increased one thread interval.
5428	5	51.19	5	8	18	40.41	20	33	47.1	Tr.	252	15	
	5	51.23	5			40.53			46.9	Mer.	235	60	
5429	..	51.13	..	8	18	43...	26	30	44.4	Mer.	228	2	
5430	9	49.12	1	8	18	44.48	32	26	22.8	Mu.	224	33	
5431	11	51.23	5	8	18	47.56	21	5	24.9	Tr.	256	26	
5432	9	48.06	2	8	18	50.75	25	48	47.0	Mer.	221	177	
	9	47.93	1			51.29[7]			49.3	Mer.	215	63	[7] R. A. decreased one thread interval.
5433	8	47.22	2	8	18	52.75	28	28	14.5	Mu.	102	38	
	8	47.12	2			52.83[8]			17.5	Mer.	86	16	[8] R. A. decreased one thread interval.
	9	49.14	2			52.87			18.8	Tr.	215	36	
5434	9	49.15	3	8	18	53.26	30	37	17.8	Mer.	165	129	
5435	10	49.12	2	8	18	57.50	33	5	17.7	Tr.	213	12	
5436	9	49.15	1	8	18	59.62	30	47	22.4	Mer.	165	130	
5437	9	47.10	1	8	19	5.51	27	31	53.8	Mer.	84	135	
5438	9	49.21	2	8	19	6.69	41	2	23.3[9]	Tr.	222	12	[9] Decl. changed one wire interval north.
5439	9	49.18	2	8	19	7.62	35	7	16.6	Mu.	233	26	
5440	9	49.15	2	8	19	8.08	32	7	....	Tr.	217	81	
5441	6	49.15	1	8	19	10.14	31	27	16.3	Mu.	232	95	
	8	49.14	2			10.33[10]			15.9	Mu.	231	48	[10] One of three threads rejected; R. A. = $11^{s}.13$.
	7.8	47.23	3			10.87			11.1	Mer.	90	23	
5442	10	49.15	2	8	19	19.41	31	57	....	Tr.	217	82	
5443	9	49.15	2	8	19	23.76	30	50	47.0	Mer.	165	131	
	9	47.15	2			23.80			47.3	Mu.	96	18	
	9	47.18	1			23.83[11]			....	Mer.	87	6	[11] R. A. increased one thread interval.
5444	8	49.18	4	8	19	27.53	33	52	47.8	Mer.	166	32	
5445	10	48.07	3	8	19	39.22	25	14	57.5	Tr.	159	21	
5446	8	47.10	2	8	19	39.50	29	25	51.1	Mu.	90	29	
	8	47.21	1			39.76			50.0	Mer.	89	24	
5447	8	51.19	5	8	19	40.28	22	34	39.3	Mer.	231	12	
	..	51.23	5			40.51			39.5	Tr.	254	4	
5448	8	48.06	2	8	19	41.55	23	7	11.6	Mer.	220	166	
5449	7	49.11	2	8	19	42.85	26	52	42.9	Mu.	222	36	
5450	9.10	49.18	3	8	19	47.53	35	12	23.8	Mu.	233	27	
5451	7	49.18	2	8	19	49.97	33	47	36.7	Mer.	166	33	
5452	10	49.18	2	8	19	54.24	34	16	18.8	Tr.	218	39	
5453	9	51.23	5	8	19	54.65	21	4	27.1	Tr.	256	27	
5454	5	49.11	2	8	19	58.57	26	39	12.5[12]	Mu.	222	37	[12] Decl. changed one rev. north.
5455	10	49.12	1	8	19	59.07	33	4	33.0[13]	Tr.	213	13	[13] Decl. changed one wire interval south.
5456	6	49.15	1	8	20	2.23	31	40	58.3	Mu.	232	96	
5457	9	51.23	5	8	20	2.25	22	35	44.2	Tr.	254	5	
5458	11	49.20	2	8	20	8..[14]	37	19	18.7	Mu.	235	30	[14] Separate threads give $9^{s}.39$, $8^{s}.58$.
5459	8	48.06	2	8	20	12.92	25	27	35.7	Mer.	221	178	
	10	48.08	2			14.11			40.8	Tr.	161	35	
5460	9	49.12	3	8	20	21.72	32	27	32.4	Mu.	224	34	
5461	8	51.14	4	8	20	27.97[15]	22	45	39.0	Tr.	248	27	[15] One of five threads rejected; R. A. = $25^{s}.41$.
	8	51.19	5			28.04			40.5	Mer.	231	13	
5462	9	49.15	1	8	20	32.11	30	33	57.2	Mer.	165	132	
5463	7	49.13	1	8	20	34.26	23	30	55.7	Mu.	229	14	
5464	8.9	49.12	2	8	20	36.16	32	43	23.0	Mu.	224	35	
5465	6	49.21	3	8	20	37.19[16]	41	39	57.7	Tr.	222	13	[16] R. A. increased 1 min.
5466	6	48.06	3	8	20	38.40	22	56	46.1	Mer.	220	167	
5467	9	49.14	2	8	20	39.76	28	43	28.3	Tr.	215	37	
	6	47.22	4			39.98			30.9	Mu.	102	39	
5468	8	51.23	5	8	20	44.89	20	29	37.4	Mer.	235	63	
	8	51.19	5			45.04			34.7	Tr.	252	16	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
5469	8.9	49.22	2	8	20	47.84	38	34	7.5	Tr.	223	5	
5470	9	47.12	1	8	20	48.48	27	48	34.7	Mer.	86	17	
	9	47.10	1			48.79			37.1	Mer.	84	136	
5471	9	49.14	2	8	20	49.57	31	32	14.5	Mu.	231	49	
	7	47.23	2			49.62			11.4	Mer.	90	24	
5472	8	47.18	1	8	20	51.07	30	59	....[1]	Mer.	87	7	[1] Decl. changed ten rev. north.
	8	49.15	1			51.13			15.1	Mer.	165	133	
	9	47.15	3			51.20[2]			17.7	Mu.	96	19	[2] R. A. increased 10 sec.
5473	..	51.23	5	8	20	53.17	20	21	4.2	Mer.	235	62	
5474	7	49.18	3	8	20	57.99	33	41	3.6	Mer.	166	34	
5475	..	49.18	1	8	20	59.06	34	6	17.7	Mer.	166	35	
	9	49.18	2			59.20			29.7	Tr.	218	40	
5476	6	49.15	1	8	21	3.23	31	41	39.7	Mu.	232	97	
	8.9	49.14	2			4.33			31.1	Mu.	231	50	
	7.8	49.15	2			4.93			....	Tr.	217	83	
5477	10	51.26	5	8	21	12.86	19	42	9.8	Tr.	258	2	
5478	8	47.12	1	8	21	14.03	27	47	34.6	Mer.	86	18	
	7.8	47.10	1			14.16			37.0	Mer.	84	137	
	7	47.12	2			14.24			36.6	Mu.	94	126	
5479	5	49.15	1	8	21	14.25	31	10	51.6	Mu.	232	98	
	5	47.23	2			15.15			48.1	Mer.	90	25	
5480	..	51.13	5	8	21	15.86	26	17	31.2[3]	Mer.	228	3	[3] Decl. changed two wire intervals north.
5481	7	49.11	1	8	21	18.36	26	57	23.6	Mu.	222	38	
5482	7	49.20	2	8	21	28. . .[4]	37	27	9.3	Mu.	235	31	[4] Separate threads give 27^{s}.44, 28^{s}.26.
5483	9.10	47.23	2	8	21	28.13	30	8	52.9	Mu.	103	18	
5484	9	47.22	1	8	21	30.81	28	55	54.1	Mu.	102	40	
5485	..	49.18	1	8	21	31.17	34	12	18.5	Mer.	166	36	
5486	8	48.06	3	8	21	31.68	25	38	20.5	Mer.	221	179	
	6	48.08	3			31.75			14.8	Tr.	161	36	
	7	47.93	4			31.95[5]			17.3	Mer.	215	64	[5] One of five threads rejected; record doubtful.
5487	8	49.14	1	8	21	35.57[6]	31	30	1.9	Mu.	231	51	[6] R. A. increased 30 sec.
	7	47.23	..			37. . .			2.5	Mer.	90	26	
5488	10	49.12	1	8	21	40.44	32	46	28.8	Mu.	224	36	
5489	10	48.07	2	8	21	43.97	24	42	41.6	Tr.	159	22	
5490	..	51.13	4	8	21	46.74[7]	26	30	42.0	Mer.	228	5	[7] One of five threads rejected; R. A.=46^{s}.33.
5491	9	49.12	1	8	21	47.38	32	53	24.0	Mu.	224	37	
	10	49.12	1			47.53			26.0	Tr.	213	14	
5492	11	51.26	5	8	21	47.73	19	17	7.0	Tr.	258	3	
5493	5	49.11	1	8	21	55.30	27	4	15.9	Mu.	222	39	
5494	10	49.21	2	8	22	1.93	41	14	4.4	Tr.	222	14	
5495	7	51.19	5	8	22	3.45	22	34	30.3	Mer.	231	14	
	..	51.19	5			3.47			....	Mer.	231	15	
	7	51.14	5			3.49			36.4[8]	Tr.	248	28	[8] One transit thread rejected; Decl.=28″.4.
	6	51.23	5			3.52			31.2	Tr.	254	6	
	6	48.06	1			3.62			33.6	Mer.	220	168	
5496	8.9	47.10	1	8	22	4.31	27	57	17.3	Mer.	84	139	
5497	9	51.19	4	8	22	5.67[9]	22	10	26.2	Mer.	231	16	[9] One of five threads rejected; R. A.=5^{s}.07.
5498	..	51.13	5	8	22	9.70	26	20	22.6[10]	Mer.	228	4	[10] If micrometer reading be assumed as 34.904 instead of 39.404 rev., as recorded, Decl.= 22′ 56″.7. GZ gives 22′ 56″.
5499	9	49.22	2	8	22	10.63[11]	31	53	25.8	Tr.	225	1	
5500	5.6	49.18	2	8	22	11.02	34	37	8.4	Tr.	218	41	
5501	7	51.23	5	8	22	13.40	20	27	15.9	Mer.	235	64	[11] R. A. increased one thread interval. One thread reduced for 0^{s}.6 instead af 6^{s}.6, as recorded.
	7	51.19	5			13.45			11.7	Tr.	252	17	
5502	8.9	47.10	1	8	22	16.41	27	51	52.7	Mer.	84	138	
5503	..	51.13	5	8	22	34.26	25	4	6.3	Tr.	246	8	
	7	51.13	4			34.26[12]			16.5[13]	Tr.	246	9	[12] One of five threads rejected; R. A.=33^{s}.82.
5504	10	49.20	1	8	22	35.30	37	14	4.0	Mu.	235	32	[13] One transit thread rejected; Decl.=0″.2.
5505	9	51.19	5	8	22	36.84	20	32	38.8	Tr.	252	18	
5506	7.8	47.10	3	8	22	43.53	29	27	17.4	Mu.	90	30	
	8	47.21	3			43.67			12.0	Mer.	89	25	
5507	10	51.23	4	8	22	45.04	21	17	32.2[14]	Tr.	255	1	[14] One transit thread rejected; Decl.=23″.9.
5508	9.10	49.22	1	8	22	46.98	38	28	32.9	Tr.	223	6	
5509	8	47.12	2	8	22	51.38[15]	28	11	32.2	Mer.	86	19	[15] R. A. decreased one thread interval.
	9	47.26	4			51.40			35.1	Mu.	104	3	
5510	8	47.15	4	8	22	51.95	30	21	7.7	Mu.	96	20	
	9	47.23	3			52.04			10.2	Mu.	103	19	
	7	49.15	2			52.10			6.0	Mer.	165	134	
5511	6	49.18	1	8	22	53.33	34	14	10.9	Mer.	166	37	
5512	9	47.12	1	8	22	53.63[16]	27	16	29.4	Mu.	94	127	[16] AW gives 55^{s}.6; Gou gives 55^{s}.9.
5513	8	47.12	1	8	22	57.15	28	10	6.0	Mer.	86	20	
	8	47.26	3			57.22[17]			7.2	Mv.	104	4	[17] One of four threads rejected; R. A.=58^{s}.68.
5514	9	49.22	2	8	22	59. . .[18]	36	3	13.0[19]	Mu.	238	5	[18] Separate threads give 59^{s}.41, 58^{s}.21.
	10	49.21	3			59.12			9.6	Mer.	168	12	[19] Decl. changed one rev. south.
5515	..	51.13	4	8	23	0.69[20]	26	25	20.9[21]	Mer.	228	6	[20] One of five threads rejected; R. A.=1^{s}.21.
5516	9	51.26	5	8	23	2.00	19	36	37.3	Tr.	258	4	[21] Decl. changed six rev. north.
5517	8	48.06	4	8	23	8.68	25	24	57.7	Mer.	221	180	
	9	47.93	1			9.05			61.5	Mer.	215	65	
5518	5	49.11	2	8	23	9.34	26	50	4.1	Mu.	222	40	
5519	..	47.21	1	8	23	10.27	29	52	....	Mer.	89	26	
	9	47.23	2			10.30			12.0	Mu.	103	20	
5520	9	47.10	1	8	23	13.39	27	42	21.5	Mer.	84	140	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
5521	9	48.06	1	8	23	19.10	25	48	36.3	Mer.	221	181	
5522	7	48.06	4	8	23	21.31	23	2	24.8	Mer.	220	169	
5523	7	51.23	5	8	23	31.53	20	23	58.1 [1]	Mer.	235	65	[1] Decl. changed three wire intervals north.
	8	51.19	5			31.61			53.2	Tr.	252	19	
5524	11	51.26	5	8	23	32.04	19	33	37.7	Tr.	258	5	
5525	10	49.14	2	8	23	33... [2]	31	13	33.9	Mu.	231	52	[2] Separate threads give $32^{s}.68$, $33^{s}.66$.
5526	9	49.18	1	8	23	36.33	34	12	5.3 [3]	Tr.	218	42	[3] Decl. changed one wire interval south.
5527	9	49.22	2	8	23	38.00 [4]	31	50	16.5	Tr.	225	2	[4] R. A. increased one thread interval.
	9	49.15	2			38.05 [5]			....	Tr.	217	84	[5] R. A. decreased 1 min.
5528	7	49.18	1	8	23	38.76	33	45	48.1	Mer.	166	38	
5529	9.8	47.21	3	8	23	44... [6]	29	49	34.8	Mer.	89	27	[6] Separate threads give $43^{s}.65$, $45^{s}.08$, $44^{s}.48$.
	8.9	47.23	2			44.25			35.7	Mu.	103	21	
5530	9	49.12	1	8	23	45.68	32	14	59.1	Mu.	224	38	
5531	8	51.23	5	8	23	47.67	20	22	23.6	Mer.	235	66	
	9	51.19	5			47.86			20.1	Tr.	252	20	
5532	9	47.12	1	8	23	48.16	28	9	34.9	Mer.	86	21	
5533	7	49.18	1	8	23	49.68	33	33	54.6	Mer.	166	39	
5534	8	49.13	1	8	23	50.04	23	55	18.9	Mu.	229	15	
5535	7	48.08	2	8	23	56.16	25	32	28.0	Tr.	161	37	
	7	48.06	2			56.33			23.5	Mer.	221	182	
	8	47.93	3			56.42			27.5	Mer.	215	66	
5536	10	48.07	2	8	23	59.05	24	48	59.8	Tr.	159	23	
5537	9.10	49.22	2	8	24	1.40	38	6	22.8	Tr.	223	7	
5538	8	49.18	1	8	24	8.92	33	40	40.8	Mer.	166	40	
5539	9.10	49.18	3	8	24	10.62	35	2	23.8	Mu.	233	28	
5540	8.9	49.12	..	8	24	13...	32	34	26.4	Mu.	224	40	
5541	7.8	47.10	1	8	24	19.66	27	19	58.7	Mer.	84	141	
	7	47.12	4			20.09			55.3	Mu.	94	128	
	6	49.11	1			20.23			57.9	Mu.	222	41	
5542	9	49.12	1	8	24	23.58	32	14	33.1	Mu.	224	39	
5543	9	47.12	1	8	24	24.94	28	3	51.6	Mer.	86	22	
5544	10	49.18	·1	8	24	24.96	35	16	56.5	Mu.	233	29	
5545	10	49.21	2	8	24	26.45	41	17	26.2	Tr.	222	15	
5546	7	49.14	2	8	24	27.63 [7]	31	39	31.0	Mu.	231	53	[7] Separate threads give $27^{s}.27$, $27^{s}.98$.
	7.8	49.15	1			27.81			....	Tr.	217	85	
	3.4	49.15	3			27.86 [8]			29.7	Mu.	232	99	[8] R. A. increased one thread interval.
5547	..	51.13	5	8	24	34.95	26	10	48.9 [9]	Mer.	228	7	[9] Decl. changed five wire intervals north; GZ gives 35″.
5548	9	47.12	1	8	24	35.81	28	4	7.1	Mer.	86	23	
5549	9	49.13	1	8	24	40.31	23	25	5.1 [10]	Mu.	229	16	[10] Decl. changed one rev. south.
5550	8	49.13	1	8	24	41.63	23	32	32.0	Mu.	229	17	
5551	6	49.15	4	8	24	43.85	30	37	54.4	Mer.	165	135	
	8	47.18	3			43.86			....	Mer.	87	8	
	8	47.15	5			43.88			55.7	Mu.	96	21	
5552	9	51.26	5	8	24	45.70	19	39	50.4	Tr.	258	6	
5553	8.9	47.10	1	8	24	50.37	29	32	4.0	Mu.	90	31	
5554	10	49.21	3	8	24	51.72	36	4	18.2	Mer.	168	13	
5555	8	51.23	5	8	24	52.27	20	34	26.9	Mer.	235	67	
5556	7.8	49.12	3	8	24	56.03	33	8	36.1	Tr.	213	15	
5557	9	49.12	1	8	24	59.68	32	46	39.8	Mu.	224	41	
5558	8	47.23	1	8	25	0.12 [11]	31	14	25.4	Mer.	90	27	[11] R. A. increased one thread interval.
5559	8	47.10	1	8	25	1.59	27	55	10.4	Mer.	84	142	
	9	47.16	1			1.63			....	Mu.	98	95	
5560	..	51.13	5	8	25	3.32	25	10	42.0	Tr.	246	10	
	9	48.07	2			3.40			44.5	Tr.	159	24	
5561	8	48.06	5	8	25	8.43	23	2	2.2	Mer.	220	170	
5562	9	49.18	1	8	25	10.38	34	44	27.3	Mu.	233	30	
5563	8	51.13	5	8	25	15.14	25	6	18.7	Tr.	246	11	
5564	8	48.06	2	8	25	15.88	25	30	38.9	Mer.	221	183	
	8	48.08	2			16.25			42.8	Tr.	161	38	
	8	47.93	4			16.37			44.5 [12]	Mer.	215	67	[12] Decl. changed one wire interval south.
5565	9	51.19	5	8	25	19.18	20	17	54.8	Tr.	252	21	
5566	9	51.23	5	8	25	26.55	21	4	43.0	Tr.	256	28	
	9	51.23	5			26.63			45.2	Tr.	255	2	
5567	6.7	49.21	3	8	25	26.62	41	0	44.6	Tr.	222	16	
5568	10	49.20	1	8	25	28.12	26	55	59.9	Mu.	234	2	
5569	8	47.10	1	8	25	29.01 [13]	27	25	17.1	Mer.	84	143	[13] R. A. decreased one thead interval.
5570	8	49.18	1	8	25	29.79	33	32	25.8	Mer.	166	41	
5571	10	49.20	2	8	25	30.24	37	3	48.4	Tr.	220	28	
5572	9	49.22	2	8	25	33.76	38	33	25.9	Tr.	223	8	
5573	4	51.13	5	8	25	35.18	26	11	55.6 [14]	Mer.	228	8	[14] Decl. changed two wire intervals north.
5574	9	49.14	1	8	25	37.58	31	20	7.8	Mu.	231	54	
5575	9	49.22	1	8	25	38.88	35	41	53.9	Mu.	238	6	
5576	7	49.11	1	8	25	46.28	26	59	18.2 [15]	Mu.	222	42	[15] Decl. changed one rev. north.
	9	49.20	1			46.32			15.9	Mu.	234	1	
5577	10	49.18	1	8	25	46.88	34	41	34.0	Mu.	233	31	
5578	9	49.14	2	8	25	49.84	28	51	36.9	Tr.	215	38	
	7	47.22	3			49.86			32.7	Mu.	102	41	
5579	10	49.21	1	8	25	51.30	36	3	58.0	Mer.	168	14	
5580	7.8	49.22	2	8	25	52.33	38	33	37.1	Tr.	223	9	
5581	7	49.15	1	8	25	53.51	30	32	28.3	Mer.	165	136	
	8	47.15	3			53.62			31.4	Mu.	96	22	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
5582	9	49.22	3	8	25	55.22	32	4	35.3	Tr.	225	3	
5583	9	49.14	2	8	25	59.79[1]	31	12	20.6	Mu.	231	55	[1] One thread increased 10 sec.
	7	47.23	2			59.95			17.7[2]	Mer.	90	28	[2] Decl. changed eleven rev. north.
	6	49.15	2			60.39			21.3	Mu.	232	100	
5584	..	51.19	4	8	26	8.53[3]	22	18	43.3	Mer.	231	17	[3] One of five threads rejected; R. A.=$9^{s}.13$.
	..	51.19	5			8.84			....	Mer.	231	19	
5585	9	49.22	2	8	26	19.30	32	3	57.5	Tr.	225	4	
5586	..	51.19	5	8	26	20.02	22	22	55.4[4]	Mer.	231	18	[4] Decl. changed three wire intervals north.
	10	51.23	5			20.31			50.9	Tr.	254	7	
5587	9	48.06	2	8	26	20.07	22	42	14.0	Mer.	220	171	
5588	9	51.23	4	8	26	21.58	21	14	19.4	Tr.	255	3	
5589	9.10	49.22	2	8	26	24.51	38	33	38.7	Tr.	223	10	
5590	9	47.93	2	8	26	25.54[5]	25	53	51.6	Mer.	215	68	[5] One thread increased 10 sec.
5591	9	49.15	2	8	26	28.46	31	43	....	Tr.	217	86	
5592	8	48.06	1	8	26	32.19	23	7	3.9	Mer.	220	172	
5593	8	47.12	2	8	26	33.42	28	20	54.6	Mer.	86	24	
5594	8	49.20	2	8	26	38.66	37	24	40.2	Mu.	235	33	
5595	9	51.26	5	8	26	44.48	19	13	49.6	Tr.	258	7	
5596	9.	49.13	1	8	26	46.54	23	31	22.4	Mu.	229	18	
5597	8	49.12	2	8	26	50.92	33	3	4.7[6]	Tr.	213	16	[6] Decl. changed two rev. south.
5598	7	49.13	1	8	26	51.34	23	40	30.2	Mu.	229	19	
5599	9	47.12	1	8	26	52.59[7]	28	6	53.8	Mer.	86	25	[7] R. A. increased 1 min.
5600	9	48.06	1	8	26	53.21	25	40	39.8	Mer.	221	184	
	9	48.08	2			53.36			35.4	Tr.	161	39	
5601	9	47.21	1	8	26	54.38	29	27	56.1[8]	Mer.	89	28	[8] Decl. changed one wire interval north. Decimal of micrometer reading doubtful.
	9	47.10	1			54.39[9]			54.3	Mu.	90	32	
5602	9	49.21	2	8	26	57.67	41	19	35.1	Tr.	222	17	[9] R. A. increased 5 sec.
5603	9	49.14	1	8	26	59.70	28	53	13.6	Tr.	215	39	
	8.9	47.22	2			59.80			12.8	Mu.	102	42	
5604	5	47.18	4	8	27	0.08[10]	31	1	....	Mer.	87	9	[10] One of five threads rejected; R. A.=$26^{m}\ 58^{s}.50$.
	5.6	47.23	1			0.17			26.5	Mer.	90	29	
	6	49.15	2			0.20			24.7	Mer.	165	137	
	8.9	49.15	2			0.20			26.3	Mu.	232	101	
	7.8	47.15	3			0.40			27.6	Mu.	96	23	
	7.8	49.14	1			0.42			27.0	Mu.	231	56	
5605	9.10	49.20	2	8	27	3.57	36	57	41.9	Tr.	220	29	
5606	8	47.21	2	8	27	5.39[11]	29	26	52.6[12]	Mer.	89	29	[11] R. A. increased one thread interval.
	8	47.10	1			6.02			52.3	Mu.	90	33	[12] Decl. changed one wire interval north.
5607	7	49.18	2	8	27	6.51	34	7	29.3	Tr.	218	43	
	6	49.18	3			6.60			34.2	Mer.	166	42	
5608	10	48.07	2	8	27	13.21	25	14	4.2	Tr.	159	25	
	8	51.13	5			13.24			4.3	Tr.	246	12	
5609	9	51.26	5	8	27	14.23	19	33	24.4	Tr.	258	8	
5610	6	48.06	2	8	27	16.09	22	51	7.7	Mer.	220	173	
	8	51.14	5			16.25			5.1	Tr.	248	29	
	7	51.23	5			16.46			4.4	Tr.	254	8	
5611	7	49.20	1	8	27	17.18	37	39	56.8	Mu.	235	34	
5612	8	51.23	5	8	27	18.47	21	31	24.8	Tr.	256	29	
	9	51.23	5			18.63			25.9	Tr.	255	4	
5613	9.10	47.23	3	8	27	25.79	29	55	58.7	Mu.	103	22	
5614	8	47.10	1	8	27	27.24	27	37	27.5[13]	Mer.	84	144	[13] Decl. changed one rev. north.
5615	8	51.19	5	8	27	30.06	20	15	20.8	Tr.	252	22	
5616	8	49.18	2	8	27	32.07[14]	34	8	20.9	Mer.	166	43	[14] R. A. decreased 1 min.
5617	6	49.20	1	8	27	43.58	37	51	36.2	Mu.	235	35	
5618	8	51.23	5	8	27	45.21[15]	20	41	26.8	Mer.	235	68	[15] R. A. decreased 1 min.
5619	8	51.28	5	8	27	54.19	23	18	50.3	Tr.	260	1	
5620	10	49.12	2	8	27	56.34	32	58	42.2	Tr.	213	17	
5621	8	47.10	1	8	28	2.50	27	32	24.7	Mer.	84	145	
5622	6.7	49.22	3	8	28	4.42	38	20	16.3	Tr.	223	11	
5623	8	49.20	2	8	28	9.34[16]	26	35	10.9	Mu.	234	3	[16] Separate threads give $9^{s}.72$, $8^{s}.95$.
	5	51.13	5			9.51			10.9	Mer.	228	9	
	5	49.11	2			9.64			11.9[17]	Mu.	222	43	[17] Decl. changed one rev. south.
5624	10	51.23	5	8	28	10.41	20	47	32.6	Mer.	235	69	
5625	8	48.06	1	8	28	12.21	22	53	14.5	Mer.	220	174	
5626	8	47.12	1	8	28	13.97[18]	28	34	28.9	Mer.	86	26	[18] R. A. increased 1 min.
	8	47.22	2			14.03			28.0	Mu.	102	43	
	9	49.14	2			14.36			25.9	Tr.	215	40	
5627	8	49.20	1	8	28	21.76	37	41	11.8	Mu.	235	36	
5628	9	48.08	2	8	28	28.43[19]	25	58	59.0	Tr.	161	40	[19] R. A. decreased one thread interval.
	8	48.06	2			29.01			56.8	Mer.	221	185	
	10	47.93	2			29.47[20]			58.6	Mer.	215	69	[20] R. A. increased 1 min. One of three threads rejected; R. A.=$28^{s}.11$.
5629	8	49.23	1	8	28	29.31	36	23	46.9	Mer.	171	33	
5630	10	51.23	5	8	28	31.12	22	46	59.3	Tr.	254	9	
5631	7	49.22	2	8	28	31.49	32	4	49.8	Tr.	225	5	
	7.8	49.15	2			31.51			....	Tr.	217	87	
5632	8	49.18	2	8	28	32.43	33	40	46.6	Mer.	166	44	
5633	9.10	49.22	1	8	28	37.23	37	50	25.9	Tr.	223	12	
5634	6.7	49.21	3	8	28	42.98	41	9	56.2	Tr.	222	18	
5635	8	47.10	1	8	28	43.80	27	28	56.3	Mer.	84	146	
5636	10	51.26	5	8	28	44.25	19	16	12.1	Tr.	258	9	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
5637	8	48.06	1	8	28	46.13	22	56	26.5	Mer.	220	175	
	9	51.28	5			46.58			26.0	Tr.	260	2	
5638	6.7	49.20	3	8	28	49.25	37	5	51.7	Tr.	220	30	
5639	9	49.22	2	8	28	49.72	32	0	52.9	Tr.	225	6	
5640	7	47.22	1	8	28	50.96	28	23	10.5	Mu.	102	44	
	8.9	47.12	1			51.19			....	Mer.	86	27	
	9	47.26	2			51.38[1]			9.6	Mu.	104	5	[1] One of three threads rejected; R. A.=$49^{s}.97$.
5641	8	49.13	1	8	28	56.97	23	42	20.4	Mu.	229	20	
5642	9	49.18	2	8	29	6.17[2]	34	33	21.9	Tr.	218	44	[2] R. A. increased 1 min.
5643	9	51.13	4	8	29	7.33	26	19	45.1	Mer.	228	10	
5644	8	47.15	4	8	29	9.24	30	46	13.3	Mu.	96	24	
	7	47.18	3			9.58[3]			....	Mer.	87	10	[3] One of four threads rejected; R. A.=$8^{s}.57$.
5645	10	51.23	5	8	29	12.67	21	28	33.6	Tr.	256	30	
5646	10	51.26	5	8	29	13.75	19	34	0.5	Tr.	258	10	
5647	8	49.12	2	8	29	16.10	33	30	41.2[4]	Tr.	213	18	[4] Decl. changed two rev. south.
	6.7	49.18	2			16.43			42.3	Mer.	166	45	
5648	7	47.10	3	8	29	17.41	29	0	30.5	Mu.	90	34	
	7	47.22	1			17.52			30.9[5]	Mu.	102	45	[5] Decl. changed five rev. north.
	9	49.14	1			17.52			35.5	Tr.	215	41	
5649	9	49.20	1	8	29	17.50	36	49	38.7	Tr.	220	31	
5650	8	49.13	1	8	29	22.05	23	42	23.5	Mu.	229	21	
5651	7	47.12	1	8	29	29.99	27	57	41.5[6]	Mer.	86	28	[6] Decl. changed one rev. south.
	8	47.26	1			30.07			40.2	Mu.	104	6	
	6	47.10	1			30.48			34.3	Mer.	84	147	
5652	9	51.23	5	8	29	34.83	20	32	38.8[7]	Mer.	235	70	[7] Decl. changed six wire intervals north.
	8	51.19	5			35.02			40.3	Tr.	252	23	
5653	9	51.23	5	8	29	38.37	21	27	36.2	Tr.	256	31	
5654	9	49.14	3	8	29	40.21	31	41	53.2	Mu.	231	57	
	9	49.22	1			40.44			50.0	Tr.	225	7	
5655	10	47.23	2	8	29	40.61[8]	30	2	55.4	Mu.	103	23	[8] R. A. increased 1 min.
5656	8	48.06	2	8	29	45.09	23	4	7.8	Mer.	220	176	
	7	51.28	5			45.12			6.0	Tr.	260	3	
5657	9	49.12	4	8	29	45.45	32	37	33.8	Mu.	224	42	
5658	10	51.23	5	8	29	46.35	21	27	48.8	Tr.	255	5	
5659	10	51.26	5	8	29	51.56	19	30	44.2	Tr.	258	11	
5660	9	49.18	1	8	29	51.76	33	32	32.7	Mer.	166	46	
5661	9	51.19	5	8	29	53.76	22	31	38.4[9]	Mer.	231	20	[9] Decl. changed two wire intervals north.
5662	8.9	47.23	2	8	30	5.07[10]	30	4	47.4	Mu.	103	24	[10] One of three threads rejected; R. A.=$5^{s}.95$.
5663	8	47.10	1	8	30	6.54	27	33	52.0	Mer.	84	148	
	9	47.12	1			6.87			55.1	Mu.	94	129	
5664	8	47.12	1	8	30	10.36	28	16	44.4	Mer.	86	29	
5665	8	47.18	3	8	30	10.68	30	49	....	Mer.	87	11	
	8	47.15	4			10.82			12.9	Mu.	96	25	
5666	8	47.10	1	8	30	14.59	29	31	18.5	Mu.	90	35	
	7.8	47.21	4			14.62[11]			20.7	Mer.	89	30	[11] One of five threads rejected; R. A.=$12^{s}.94$.
5667	9	49.22	1	8	30	16.25	37	46	46.3	Tr.	223	13	
	8	49.20	1			16.37			48.5	Mu.	235	37	
5668	8	49.15	2	8	30	19.91	31	44	....	Tr.	217	88	
	8	49.14	2			20.08			42.6	Mu.	231	58	
5669	7	49.22	3	8	30	23. . .[12]	35	44	48.3	Mu.	238	7	[12] Separate threads give $22^{s}.66$, $24^{s}.05$, $23^{s}.38$.
5670	10	49.21	3	8	30	38.44	41	1	53.9	Tr.	222	19	
5671	7	47.93	3	8	30	39.83	25	53	37.0[13]	Mer.	215	70	[13] Micrometer reading the same as that of Mer. 215, No. 71.
	6.7	48.06	4			40.24			40.3	Mer.	221	186	
	7	48.08	2			40.37			47.7	Tr.	161	41	
5672	10	51.23	5	8	30	41.85	20	41	57.3	Mer.	235	71	
5673	8	51.19	5	8	30	42.69	22	12	41.8	Mer.	231	21	
5674	7	48.06	1	8	30	42.81	25	33	9.7	Mer.	221	187	
	7	47.93	1			43.25			10.1	Mer.	215	71	
5675	9	49.22	2	8	30	45.52	37	56	19.1	Tr.	223	14	
	7	49.20	2			45.73			18.7	Mu.	235	38	
5676	7	49.13	3	8	30	48.96	23	46	53.8	Mu.	229	22	
5677	9	47.15	2	8	30	49.18	30	18	41.2	Mu.	96	26	
5678	8.9	49.14	1	8	30	53.22	31	12	11.5	Mu.	231	59	
5679	8.9	47.23	2	8	31	0.37	30	8	33.2	Mu.	103	25	
5680	9	51.28	5	8	31	8.13	23	21	39.9	Tr.	260	4	
5681	8	47.12	1	8	31	13.21[14]	27	39	18.3	Mu.	94	130	[14] R. A. increased one thread interval.
	7.8	47.10	1			13.46			16.0	Mer.	84	149	
5682	9	51.19	5	8	31	20.22	20	5	42.6[15]	Tr.	252	24	[15] One transit thread rejected; Decl.=$33''.6$.
5683	9	51.13	4	8	31	20.52[16]	26	25	27.6[17]	Mer.	228	11	[16] One of five threads rejected; R. A.=$20^{s}.89$.
5684	8	48.06	3	8	31	22.26	22	33	1.8	Mer.	220	177	[17] Decl. changed ten rev. north.
	10	51.23	5			22.34			1.7	Tr.	254	10	
5685	9	49.12	4	8	31	22.52	32	32	39.2	Mu.	224	43	
5686	8.9	47.23	1	8	31	22.67	29	58	39.7	Mu.	103	26	
5687	5	47.93	3	8	31	27.49[18]	25	43	76.8[19]	Mer.	215	72	[18] One of four threads rejected; R. A.=$26^{s}.06$.
	4	48.06	2			27.60			58.4	Mer.	221	188	[19] If micrometer reading be assumed as 36.618 instead of 36.018 rev., as recorded, Decl.=$56''.1$.
	6	48.08	3			27.88			57.7	Tr.	161	42	
5688	9	49.20	1	8	31	28.48	37	23	21.5	Mu.	235	39	
5689	8	49.12	3	8	31	32.77	33	13	21.0	Tr.	213	19	
5690	9	47.21	2	8	31	33.51[20]	29	23	52.4	Mer.	89	31	[20] R. A. increased 1 min., and decreased one thread interval.
5691	6.7	49.22	2	8	31	35.56	35	36	51.7	Mu.	238	8	
	7	49.21	3			36.00			51.4	Mer.	168	15	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
5692	10	49.22	2	8	31	35.58	31	55	13.3	Tr.	225	8	
5693	9	48.06	1	8	31	36.41	25	41	1.5	Mer.	221	189	
5694	9	49.18	3	8	31	37.41	34	48	2.2	Mu.	233	32	
5695	8	49.11	1	8	31	39.57	26	35	45.9	Mu.	222	44	
5696	10	49.20	1	8	31	40.15	27	7	58.9	Mu.	234	4	
5697	10	49.12	1	8	31	42.85	32	50	3.6	Mu.	224	44	
5698	10	49.20	2	8	31	52.60	37	10	38.9	Tr.	220	32	
5699	7	48.06	1	8	31	52.84	26	7	7.1	Mu.	157	84	
5700	5	51.26	5	8	31	54.47	19	12	53.4	Tr.	258	12	
5701	8	47.21	2	8	32	9.82	29	27	41.1	Mer.	89	32	
	8	47.10	2			10.87			39.6	Mu.	90	36	
5702	8	47.10	1	8	32	11.30	27	41	41.0	Mer.	84	150	
5703	8	51.23	5	8	32	22.15	21	33	32.0	Tr.	256	32	
	8	51.23	5			22.37			31.1	Tr.	255	6	
5704	6	49.20	2	8	32	25.53[1]	37	29	5.9	Mu.	235	40	[1] Separate threads give 25ˢ.17, 25ˢ.89.
5705	8	49.11	1	8	32	26.00	26	42	8.1	Mu.	222	45	
5706	9	48.06	3	8	32	27.92	22	51	56.0	Mer.	220	178	
5707	8	49.18	2	8	32	31.19	33	54	17.0	Mer.	166	47	
5708	5	51.19	5	8	32	34.20	22	9	12.0	Mer.	231	22	
5709	9	49.22	2	8	32	37.94[2]	35	17	48.1	Mu.	238	9	[2] R. A. decreased two thread intervals.
5710	9	47.23	3	8	32	42. . .[3]	29	51	45.5	Mu.	103	27	[3] Separate threads give 42ˢ.25, 43ˢ.07, 41ˢ.06.
5711	7	47.22	3	8	32	46.08	28	49	1.0	Mu.	102	46	
5712	9.10	49.21	2	8	32	46.12	41	33	12.3	Tr.	222	20	
5713	6	51.23	5	8	32	50.59	21	23	56.7	Tr.	255	7	
	8	51.23	5			50.66			58.2	Tr.	256	33	
5714	9.10	47.26	2	8	33	5.81	27	51	7.3	Mu.	104	7	
	8	47.12	1			5.87			7.4	Mer.	86	30	
	8	47.12	1			5.93			7.3	Mu.	94	131	
	7.8	47.10	1			6.20			7.7	Mer.	84	151	
5715	7	47.22	2	8	33	8.16	28	46	25.2	Mu.	102	47	
5716	8	48.06	2	8	33	9.82	24	2	46.6	Mu.	156	101	
	8	49.13	2			9.93			44.9	Mu.	229	23	
5717	8	49.12	2	8	33	13.94	33	5	6.6	Tr.	213	20	
5718	9	49.20	2	8	33	14.99	27	0	41.4	Mu.	234	5	
5719	9	51.23	4	8	33	15.10[4]	20	52	1.2	Mer.	235	72	[4] One of five threads rejected; R. A.=15ˢ.46.
5720	9	47.10	2	8	33	23.57	30	3	57.6[5]	Tr.	104	1	[5] Decl. changed one rev. north.
5721	7	47.12	1	8	33	25.24	28	33	13.9	Mer.	86	31	
5722	8	48.06	3	8	33	28.72	22	40	50.9	Mer.	220	179	
	8	51.19	5			28.89			51.0	Mer.	231	23	
	8	51.23	5			28.95			49.7	Tr.	254	11	
5723	9	51.19	3	8	33	29.16[6]	22	26	6.0[7]	Mer.	231	24	[6] Two of five threads rejected; R. A.=29ˢ.52, 29ˢ.69.
5724	3.4	47.10	4	8	33	29.28	29	1	46.7	Mu.	90	37	
	3	47.22	2			29.51			47.4	Mu.	102	48	[7] Decl. changed one wire interval north.
5725	7.8	49.20	3	8	33	31.78	36	56	39.8	Tr.	220	33	
5726	8	51.24	5	8	33	33.57	20	5	53.4	Mu.	274	4	
	9	51.19	5			33.86			52.2	Tr.	252	25	
5727	8	49.20	1	8	33	37.75	36	4	50.9	Tr.	219	1	
	6	49.21	3			37.91			54.3	Mer.	168	16	
5728	9	51.13	5	8	33	41.81	26	15	13.7[8]	Mer.	228	13	[8] Decl. changed one wire interval north.
	8	51.13	4			41.86			15.5[9]	Mer.	228	12	[9] Decl. changed one rev. north.
	9	48.06	1			42.10			9.5	Mu.	157	85	
5729	7	51.24	5	8	33	46.72	20	29	2.5	Tr.	257	9	
5730	8	51.23	5	8	33	52.31	20	46	19.5[10]	Mer.	235	73	[10] Decl. changed three wire intervals and one rev. south.
	9	51.24	5			52.48			18.2	Tr.	257	10	
5731	7	49.18	1	8	33	52.89	33	28	51.5	Mer.	166	48	
5732	9	47.12	2	8	33	54. . .[11]	27	53	12.6	Mu.	94	132	[11] Separate threads give 53ˢ.94, 53ˢ.11.
	8	47.12	1			54.19[12]			10.4	Mer.	86	32	[12] R. A. decreased two thread intervals.
	9	47.26	2			54.23[13]			7.8	Mu.	104	8	[13] R. A. decreased one thread interval.
	8	47.10	1			54.40			7.8	Mer.	84	152	
5733	11	48.06	1	8	33	56.94	25	43	19.2	Mer.	221	190	
5734	7	51.23	5	8	34	2.33	20	18	8.6[14]	Mer.	235	74	[14] Decl. changed one rev. south.
	8	51.19	5			2.59			9.5	Tr.	252	26	
5735	9	49.22	2	8	34	4.21	31	44	36.9	Tr.	225	9	
5736	8	49.20	1	8	34	4.85	26	43	42.3	Mu.	234	6	
	7	49.11	1			5.12			47.3	Mu.	222	46	
5737	9	47.10	1	8	34	4.87	27	21	33.9	Mer.	84	153	
5738	7	49.18	1	8	34	6.08	33	29	33.4	Mer.	166	49	
	8	49.12	1			6.25			28.4	Tr.	213	21	
5739	9	49.14	3	8	34	13.44	31	38	12.1	Mu.	231	60	
	9	49.13	4			13.53			10.4	Mu.	226	70	
	8	49.22	2			13.64			9.9	Tr.	225	10	
5740	2	49.18	5	8	34	14.11	34	46	39.8	Mu.	233	33	
5741	8	49.13	1	8	34	21.90	24	5	9.7	Mu.	229	24	
	8	48.06	1			22.94			16.2	Mu.	156	102	
5742	6	51.26	5	8	34	22.76	19	23	9.4	Tr.	258	13	
5743	8	47.12	1	8	34	25.82	28	20	42.3	Mer.	86	33	
5744	8	49.13	1	8	34	31.96	23	50	35.4	Mu.	229	25	
5745	8	47.10	1	8	34	40.22	27	26	40.2	Mer.	84	154	
5746	9	47.22	1	8	34	41.77	28	31	4.2	Mu.	102	49	
5747	8	48.06	1	8	34	43.61	23	8	32.7	Mer.	220	180	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
5748	9	49.14	2	8	34	44.37	31	16	51.4	Mu.	231	61	
	9.10	49.13	2			44.38			52.4	Mu.	226	71	
5749	9.10	49.20	1	8	34	50.71	35	32	8.3	Tr.	219	2	
	9	49.22	1			50.99			9.9	Mu.	238	10	
5750	8	49.20	1	8	34	51.14[1]	26	54	33.1	Mu.	234	7	[1] Gou gives 52^{s}.4.
	6	49.11	2			52.54			37.7	Mu.	222	47	
5751	7	51.26	5	8	34	51.95	19	27	38.5	Tr.	258	14	
5752	9	49.21	2	8	34	53.18	41	12	13.8	Tr.	222	21	
5753	8	47.12	1	8	34	58.80	28	23	1.0	Mer.	86	34	
5754	9.10	47.15	2	8	35	14.24	30	52	22.8[2]	Mu.	96	27	[2] Decl. changed one rev. north.
	10	47.18	1			15.39			....[3]	Mer.	87	12	[3] Decl. changed one rev. south.
5755	7	51.23	5	8	35	15.46	21	29	42.6	Tr.	255	8	
	7	51.23	5			15.49			41.9	Tr.	256	34	
5756	10	51.23	5	8	35	15.63	22	41	16.1	Tr.	254	12	
5757	9	49.12	3	8	35	17.67	32	42	20.8	Mu.	224	45	
5758	9	47.10	1	8	35	21.87	27	12	55.2	Mer.	84	155	
5759	10	49.20	2	8	35	24.03[4]	37	51	59.8	Mu.	235	41	[4] One of three threads rejected; R. A.=24^{s}.98.
5760	9	49.21	3	8	35	24.44	35	46	35.0	Mer.	168	17	
5761	9	49.18	2	8	35	31.74	35	25	24.3	Mu.	233	34	
	8.9	49.20	2			31.96			20.4	Tr.	219	3	
	9	49.21	2			31.99			23.2	Mer.	168	18	
	7	49.22	1			32.05			18.6	Mu.	238	11	
5762	9	47.10	1	8	35	33.14	27	40	12.9	Mer.	84	156	
5763	10	49.12	1	8	35	33.28	32	48	....	Mu.	224	46	
5764	10	51.23	4	8	35	34.65	20	48	23.3	Mer.	235	75	
	10	51.24	5			34.72			26.1	Tr.	257	11	
5765	9	51.13	5	8	35	34.89	26	25	4.3	Mer.	228	14	
	..	51.13	4			35.09[5]			....	Mer.	228	15	[5] One of five threads rejected; R. A.=34^{s}.74.
5766	7	49.13	1	8	36	1.01	23	40	36.3	Mu.	229	26	
	7	48.06	1			1.18			35.9	Mu.	156	103	
5767	9.10	49.13	2	8	36	1.83	31	12	40.6	Mu.	226	72	
	9	49.14	2			1.83[6]			40.8	Mu.	231	62	[6] Separate threads give 2^{s}.21, 1^{s}.45.
5768	8	48.24	3	8	36	5.39	25	46	37.6	Tr.	162	1	
	8	48.08	2			6.44			36.3	Tr.	161	43	
	9	48.06	3			6.48			39.2	Mer.	221	191	
	8	47.93	1			6.58			39.3	Mer.	215	73	
5769	9	47.10	3	8	36	7.56	30	1	50.9	Tr.	104	2	
5770	8	49.22	3	8	36	7.99	31	41	50.6	Tr.	225	11	
5771	11	49.20	2	8	36	12.36	37	13	19.7	Mu.	235	42	
5772	10	51.19	5	8	36	13.50	20	8	20.7	Tr.	252	27	
5773	9	49.20	1	8	36	14.24	36	38	13.9	Tr.	220	34	
5774	7	48.06	1	8	36	16.22	23	54	14.7	Mu.	156	104	
	8	49.13	1			16.42			11.2	Mu.	229	27	
5775	7	48.06	1	8	36	18.37	25	20	29.4	Mer.	221	192	
	8	51.13	5			19.09			34.7[7]	Tr.	246	13	[7] One transit thread rejected; Decl.=26″.2.
5776	8	51.23	5	8	36	35.98	21	27	36.6	Tr.	255	9	
	9	51.23	5			36.02			38.4	Tr.	256	35	
5777	9.10	49.21	2	8	36	37.05	41	17	39.1	Tr.	222	22	
5778	9	51.23	5	8	36	49.05	20	34	10.8	Mer.	235	76	
5779	8	47.22	3	8	36	49.14	28	59	15.2[8]	Mu.	102	50	[8] Decl. changed five rev. north.
	9	49.14	1			49.36			12.8[9]	Tr.	215	42	[9] Decl. changed two rev. south.
	7.8	47.10	1			49.40			16.9	Mu.	90	38	
5780	8	49.18	2	8	36	52.76	34	11	53.5	Tr.	218	45	
5781	8	49.20	3	8	36	53.15	36	50	37.2	Tr.	220	35	
5782	9	49.14	2	8	36	56. ..[10]	31	3	29.2	Mu.	231	63	[10] Separate threads give 56^{s}.79, 55^{s}.60.
	9	47.15	2			56.00			28.3	Mu.	96	28	
	9.10	49.13	2			56.14			28.8	Mu.	226	73	
	8	47.27	4			56.37			29.4	Mu.	107	1	
5783	10	47.18	1	8	36	56.26[11]	[30	59	....][12]	Mer.	87	13	[11] R. A. decreased one thread interval.
5784	8.9	47.12	1	8	36	56.44	28	8	37.9	Mer.	86	35	[12] "Zenith distance doubtful." Probably the same as No. 5782.
5785	8	49.13	1	8	37	3.36	23	59	22.9	Mu.	229	28	
5786	7	49.11	2	8	37	4.45	27	15	62.9	Mu.	222	48	
	9	49.20	3			4.68			63.7	Mu.	234	8	
	8.9	47.10	1			4.74			59.7	Mer.	84	157	
5787	6.5	49.22	2	8	37	6.33	35	24	18.2	Mu.	238	12	
	8	49.18	3			6.62			25.5	Mu.	233	35	
	8	49.20	3			6.67			24.4	Tr.	219	4	
	6	49.21	3			6.73			26.2	Mer.	168	19	
5788	8	47.93	2	8	37	21.18[13]	26	6	45.1	Mer.	215	74	[13] R. A. increased 10 min.
	9	51.13	5			21.42			37.7[14]	Mer.	228	16	[14] Decl. changed one rev. south.
	..	51.13	5			21.42			....	Mer.	228	17	
5789	8	51.28	5	8	37	27.71	23	3	20.5	Tr.	260	5	
	8	48.06	3			27.87			23.2	Mer.	220	181	
5790	7	51.24	5	8	37	32.92	19	43	37.4	Mu.	274	5	
5791	9	49.12	2	8	37	33.03	32	37	4.2	Mu.	224	47	
5792	5	49.12	4	8	37	33.96	32	38	51.1	Mu.	224	48	
5793	8	51.23	5	8	37	38.14	21	6	9.7	Tr.	255	10	
	9	51.23	5			38.21			8.7	Tr.	256	36	
5794	9	47.22	1	8	37	38.93	28	28	58.6	Mu.	102	51	
	8.9	47.12	1			39.11			63.3	Mer.	86	36	
	9	49.14	1			39.15			59.1	Tr.	215	43	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
5795	9	49.21	2	8	37	43.50	41	19	37.0	Tr.	222	23	
5796	8	49.22	4	8	37	43.53	38	21	25.2	Tr.	223	15	
5797	9	47.15	2	8	37	44.39	30	30	53.3	Mu.	96	29	
5798	10	49.12	2	8	37	47.17	32	54	53.9	Tr.	213	22	
5799	8	47.10	1	8	37	49.53	29	41	59.8	Mu.	90	39	
	9	47.10	2			49.98			61.8	Tr.	104	3	
	8	47.21	3			49.99			61.7 [1]	Mer.	89	33	[1] Decl. changed ten rev. north.
	9	47.12	3			50.12			59.5	Mu.	93	1	
	8.9	47.23	5			50.26			63.4	Mu.	103	28	
5800	9	47.10	1	8	37	52.44	27	39	9.4	Mer.	84	158	
5801	10	49.18	2	8	37	56.13	34	5	49.1	Tr.	218	46	
5802	10	49.12	2	8	38	0.29	32	54	49.7	Tr.	213	23	
5803	9	47.93	1	8	38	4.94	25	58	26.5	Mer.	215	75	
	9	48.08	2			5.45			24.9	Tr.	161	44	
	9	48.06	1			5.73			24.5	Mu.	157	86	
	9	48.06	3			5.75			24.5	Mer.	221	193	
5804	7	51.28	5	8	38	6.51	23	14	43.4	Tr.	260	6	
	7	48.06	3			6.57			41.7	Mer.	220	182	
5805	7	51.24	5	8	38	12.72	20	37	39.3	Tr.	257	12	
	6	51.23	5			12.87			36.3 [2]	Mer.	235	77	[2] Decl. changed one wire interval south.
5806	8.9	49.22	2	8	38	21.56	38	14	26.6	Tr.	223	16	
5807	6	47.23	2	8	38	21... [3]	31	28	47.4	Mer.	90	30	[3] Separate threads give $12^{s}.79$, $21^{s}.20$.
	7.8	47.27	4			21.88			51.2	Mu.	107	2	
	8.9	49.14	3			22.11			50.2	Mu.	231	64	
	9	49.13	3			22.15			50.5	Mu.	226	74	
5808	8.9	47.22	1	8	38	23.14	28	34	43.7	Mu.	102	52	
	8	47.12	1			23.18			42.7	Mer.	86	37	
	9	49.14	1			23.25			46.4	Tr.	215	44	
5809	10	51.23	5	8	38	26.43	22	48	35.5	Tr.	254	13	
	8	48.06	1			26.53 [4]			38.4	Mer.	220	183	[4] R. A. decreased one thread interval.
5810	10	49.20	2	8	38	27.78	26	50	33.4	Mu.	234	9	
5811	9	48.06	3	8	38	30.11	25	50	11.5	Mer.	221	194	
	8	48.24	3			30.39			12.7 [5]	Tr.	162	2	[5] Decl. changed one wire interval south.
	9	48.08	1			30.44			11.2	Tr.	161	45	
	8	47.93	1			30.49			10.9	Mer.	215	76	
5812	11	51.26	5	8	38	33.77	19	39	37.0	Tr.	258	15	
5813	7.8	49.20	3	8	38	34.27	36	58	58.4	Tr.	220	36	
5814	9	51.13	4	8	38	37.56 [6]	26	7	47.3	Mer.	228	18	[6] One of five threads rejected; R. A.=$38^{s}.01$.
5815	10	49.22	2	8	38	40.68	32	5	27.3	Tr.	225	12	
5816	8	49.11	1	8	38	49.60	27	8	27.8	Mu.	222	49	
5817	8	49.22	2	8	38	49... [7]	35	37	44.2	Mu.	238	13	[7] Separate threads give $49^{s}.96$, $48^{s}.79$. GZ gives $50^{s}.0$.
	9	49.20	2			50.09			39.5	Tr.	219	5	
	8	49.21	7			50.23			40.7	Mer.	168	20	
5818	8	47.15	3	8	38	50.45	30	26	9.1	Mu.	96	30	
	8	47.23	2			50.57			10.4	Mu.	103	29	
5819	7	49.20	1	8	38	51.36	37	25	20.9	Mu.	235	43	
5820	9	47.10	2	8	38	51.66	29	54	8.3	Tr.	104	4	
	9	47.12	2			51.71 [8]			8.2	Mu.	93	2	[8] One of three threads rejected; R. A.=$50^{s}.52$.
5821	7	49.11	2	8	38	59.37	27	1	31.5	Mu.	222	50	
5822	10	49.20	1	8	39	1.38	37	27	36.6	Mu.	235	44	
5823	9.10	49.13	2	8	39	3.03	31	3	23.9	Mu.	226	75	
	10	49.14	2			3.58			24.0	Mu.	231	65	
5824	6.7	49.20	2	8	39	5.65	36	36	18.4	Tr.	220	36	
5825	9	49.21	2	8	39	6.89	41	10	42.9	Tr.	222	24	
5826	9	47.10	1	8	39	10.54	27	39	30.0	Mer.	84	159	
5827	9	48.06	1	8	39	11.82	25	39	14.8	Mer.	221	195	
5828	7	51.13	5	8	39	20.21	24	50	37.0	Tr.	246	14	
5829	8	49.20	1	8	39	27.15	37	23	59.9	Mu.	235	45	
5830	8.9	47.10	1	8	39	28.53	27	18	45.3	Mer.	84	160	
	8.9	47.12	1			29.02			46.1	Mu.	94	133	
5831	7	51.24	5	8	39	33.93	19	53	3.5	Mu.	274	6	
5832	9	49.18	1	8	39	34.92	34	4	45.9	Mer.	166	50	
5833	8	48.06	1	8	39	37.91 [9]	24	8	1.5	Mu.	156	105	[9] Minute assumed.
5834	8	47.93	1	8	39	44.03 [10]	26	4	5.7	Mer.	215	77	[10] R. A. increased 1 min.
	..	51.13	5			44.30			4.3	Mer.	228	20	
	6	48.06	1			44.42			3.4	Mu.	157	87	
	9	48.24	2			44.51			4.6	Tr.	162	3	
	6	48.06	1			44.76 [11]			3.0	Mer.	221	196	[11] R. A. increased 40 sec.
5835	5	47.23	1	8	39	49.96	31	37	5.3 [12]	Mer.	90	31	[12] Decl. changed one rev. south.
5836	9	51.23	5	8	39	53.44	22	26	2.5	Tr.	254	14	
5837	8	48.08	1	8	40	0.80	26	4	57.2	Tr.	161	46	
	8	47.93	2			0.80			58.6 [13]	Mer.	215	78	[13] Decl. changed one rev. south.
	..	51.13	5			0.94			58.6	Mer.	228	21	
	8	48.06	1			1.11			52.8	Mu.	157	88	
	..	51.13	4			1.11			....	Mer.	228	19	
5838	9	47.27	2	8	40	6.79	30	55	35.5	Mu.	107	3	
	9	47.15	2			7.02			35.5	Mu.	96	31	
	8	47.18	1			7.15			....	Mer.	87	14	
	9.10	49.13	2			7.34			35.3	Mu.	226	76	
5839	6	49.20	2	8	40	7.31	37	19	55.5	Mu.	235	46	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
5840	9	47.12	1	8	40	12.30	27	58	43.9 [1]	Mer.	86	38	[1] Decl. changed one wire interval north.
5841	11.10	49.22	1	8	40	13.70	35	25	37.4	Mu.	238	14	
5842	10	49.18	2	8	40	14.38 [2]	34	38	48.4	Tr.	218	47	[2] Minute assumed to agree with GZ 3389. It may be GZ 3320 preceding 1^{m} $1^{s}.0$ and 2″ south.
5843	9	51.23	5	8	40	15.47	21	7	8.6	Tr.	256	37	
	9	51.23	5			15.47			9.5	Tr.	255	11	
5844	9	47.12	1	8	40	18.85	28	5	34.2	Mer.	86	39	
5845	8	47.21	3	8	40	19.64 [3]	29	12	46.9	Mer.	89	34	[3] R. A. decreased one thread interval.
	7.8	47.10	3			19.68			44.9	Mu.	90	40	
	7	47.22	1			19.97			42.1	Mu.	102	53	
5846	7	47.22	2	8	40	21.19	29	10	55.7	Mu.	102	54	
	9	49.14	1			21.20			58.0	Tr.	215	45	
	7	47.10	2			21.46 [4]			53.4	Mu.	90	41	[4] Two of four threads rejected; R. A.=$22^{s}.07$, $20^{s}.77$.
5847	8	49.12	3	8	40	22.51	33	21	23.0	Tr.	213	24	
5848	8	51.24	5	8	40	23.14	19	46	34.0	Mu.	274	7	
	8	51.24	4			23.39			35.7	Mer.	236	1	
5849	9	47.10	2	8	40	26.13	30	1	38.4	Tr.	104	5	
5850	9	49.12	1	8	40	26.43	32	17	39.2 [5]	Mu.	224	50	[5] Decl. changed five rev south.
5851	8	49.22	3	8	40	29.04	32	9	27.9	Tr.	225	13	
5852	10	49.18	1	8	40	33.96	34	25	41.9	Tr.	218	48	
5853	9	49.12	2	8	40	35.41 [6]	32	42	1.2	Mu.	224	49	[6] One of three threads rejected; R. A.=$34^{s}.57$. Ya gives $34^{s}.9$.
5854	9	49.22	2	8	40	42.53	38	18	7.2	Tr.	223	17	
5855	10	49.18	2	8	40	44.. [7]	35	2	28.0	Mu.	233	36	[7] Separate threads give $44^{s}.98$, $44^{s}.15$.
5856	11	49.20	2	8	40	49.42	26	47	37.4	Mu.	234	10	
5857	6	49.18	3	8	40	51.91	34	4	30.4	Mer.	166	51	
5858	9	49.13	1	8	40	53.45	23	38	44.1	Mu.	229	30	
5859	8	51.23	5	8	40	56.82	20	14	23.1	Mer.	235	78	
5860	7	49.11	1	8	40	58.06 [8]	27	13	2.3	Mu.	222	51	[8] R. A. decreased one thread interval.
	9	49.20	1			58.13			4.7	Mu.	234	11	
5861	9.10	47.23	3	8	41	0.11	29	55	33.8	Mu.	103	30	
	9	47.12	2			0.15			35.0	Mu.	93	3	
	9	47.10	2			0.25			34.7	Tr.	104	6	
5862	8	51.24	5	8	41	1.44	19	14	3.0	Mer.	236	2	
	8	51.23	5			1.44			5.2	Mu.	271	1	
	9	51.26	5			1.55			4.5	Tr.	258	16	
5863	9	49.13	1	8	41	4.83	23	50	39.5	Mu.	229	29	
	8	48.06	1			5.11			39.9	Mu.	156	106	
5864	10	49.18	2	8	41	11.14	34	54	17.4	Mu.	233	37	
5865	8.9	47.12	1	8	41	17.30	27	49	24.2	Mu.	94	134 [9]	[9] "Double, following star."
	8.9	47.10	1			17.85			22.7	Mer.	84	161 [10]	[10] "Two stars; first observed." The second star appears to have been observed.
	9	47.12	1			17.96			20.0	Mer.	86	40 [11]	
5866	9	49.21	2	8	41	22.56	41	29	23.0 [12]	Tr.	222	25	[11] "Double star."
5867	6	49.18	2	8	41	26.42	34	3	5.6	Mer.	166	52	[12] Decl. changed one wire interval south.
5868	8	49.20	1	8	41	32.33	37	34	13.9	Mu.	235	47	
5869	9	49.12	1	8	41	35.81	32	46	3.9	Mu.	224	52	
5870	9	51.23	5	8	41	36.01	20	47	40.4	Mer.	235	79	
5871	6.7	51.23	5	8	41	41.87	21	20	20.1	Mu.	272	1	
	8	51.23	5			42.00			14.3	Tr.	255	12	
5872	8	48.06	2	8	41	43.40	22	35	16.8	Mer.	220	184	
	10	51.23	5			43.74			15.9	Tr.	254	15	
5873	8	49.12	1	8	41	48.33	32	50	52.5	Mu.	224	51	
	7.8	49.12	2			48.62			54.2	Tr.	213	25	
5874	9	47.15	3	8	41	50.20	30	41	28.2	Mu.	96	32	
5875	9	47.10	1	8	41	53.44	27	13	0.9	Mer.	84	162	
	8	49.11	1			54.26			2.3	Mu.	222	52	
5876	7	47.12	1	8	41	55.15	28	5	15.7	Mer.	86	41	
	8	47.26	5			55.36			13.9	Mu.	104	9	
5877	8	49.22	2	8	42	0.52	38	26	28.1	Tr.	223	19	
5878	9	49.22	2	8	42	1.67	32	5	42.6	Tr.	225	14	
5879	9.10	49.18	1	8	42	3.06	35	10	33.3	Mu.	233	38	
5880	9	48.24	2	8	42	3.19	25	36	37.6	Tr.	162	4	
	9	48.08	2			3.31			46.0	Tr.	161	47	
	9	47.93	3			3.31			40.7	Mer.	215	79	
	8	48.06	2			3.42			40.6	Mer.	221	197	
5881	8	49.22	2	8	42	4.07	38	23	23.9	Tr.	223	18	
5882	9	47.10	2	8	42	6.14	30	17	41.5 [13]	Tr.	104	7	[13] Decl. changed one wire interval north. If instead Decl. be changed one rev. north and the R. A. be decreased one thread interval, R. A.=41^{m} $51^{s}.78$, Decl.=22′ 10″.8. Gou gives $51^{s}.9$, 9″.
5883	8	51.13	5	8	42	8.34	25	6	7.6	Tr.	246	16	
5884	8	49.20	1	8	42	9.37	37	26	18.6	Mu.	235	48	
5885	8	48.06	2	8	42	10.17	22	37	37.4	Mer.	220	185	
5886	10	49.18	1	8	42	12.12	34	45	21.9	Tr.	218	49	
5887	8	51.13	4	8	42	12.63 [14]	24	53	38.1 [15]	Tr.	246	15	[14] One of five threads rejected; R. A.=$13^{s}.25$.
5888	6	49.21	2	8	42	12.88 [16]	41	10	37.4	Tr.	222	26	[15] One transit thread rejected; Decl.=45″.8.
5889	9	51.23	5	8	42	15.49	22	19	14.6	Tr.	254	16	[16] R. A. decreased 2 min.
5890	11	49.20	1	8	42	17.20	35	51	30.7	Tr.	219	6	
5891	9	49.20	1	8	42	20.18	27	11	19.0	Mu.	234	12	
	8	49.11	1			20.77 [17]			13.5	Mu.	222	53	[17] Time of transit assumed as 51^{s} instead of 57^{s}.
5892	9.10	47.23	1	8	42	23.79	29	37	11.9 [18]	Mu.	103	31	[18] Decl. changed seven rev. north to agree with CPD.
5893	9	47.15	3	8	42	24.10	30	51	19.9	Mu.	96	33	
5894	8	49.22	2	8	42	35.49	32	4	48.2	Tr.	225	15	
5895	9	47.23	3	8	42	49.34	29	39	50.2	Mu.	103	32	
	8	47.21	3			49.44			51.1	Mer.	89	35	
	9	47.12	2			49.49			51.8	Mu.	93	4	
	9	47.10	1			49.77			50.1	Mu.	90	42	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
5896	8	47.93	2	8	42	50.27	25	52	11.5	Mer.	215	80	
	8	48.06	3			50.58[1]			15.4	Mer.	221	198	[1] Two threads decreased 10 sec. each.
	8	48.24	3			50.74			14.1	Tr.	162	5	
5897	9	49.20	1	8	42	54.84	36	2	55.7	Tr.	219	7	
	8	49.21	1			55.27			53.8	Mer.	168	22	
5898	9	49.20	2	8	42	57.59	37	11	39.2	Tr.	220	38	
5899	7	49.20	1	8	42	58.55	37	27	1.8	Mu.	235	49	
5900	10	49.13	2	8	42	58.63	31	43	24.5	Mu.	226	77	
5901	7	51.23	4	8	43	0.74[2]	20	29	30.5	Mer.	234	1	[2] One of five threads rejected; R. A=$0^{s}.38$.
	6	51.23	5			0.69			28.0	Mer.	235	80	
	7	51.24	5			0.81			30.3	Tr.	257	13	
5902	9	49.21	3	8	43	1.35	35	20	4.5	Mer.	168	21	
	10	49.22	2			1.47			6.2	Mu.	238	15	
5903	9	49.22	2	8	43	13.64	38	24	56.8	Tr.	223	20	
5904	9.10	49.18	2	8	43	14.59	34	50	22.0	Mu.	233	39	
5905	8	47.18	3	8	43	16.18	30	22	....	Mer.	87	15	
	8.9	47.12	2			16.32			40.5	Mu.	93	5	
	9	47.10	2			16.40			40.1[3]	Tr.	104	8	[3] Decl. changed three rev. south.
	8.9	47.15	3			16.43			40.5	Mu.	96	34	
5906	7	47.12	2	8	43	21.42	27	42	2.9	Mu.	94	135	
	7	47.10	3			21.52			3.1	Mer.	84	163	
5907	..	49.13	2	8	43	23.70	23	23	47.3[4]	Mu.	229	32	[4] Micrometer rev. assumed.
	7	51.28	5			23.88			44.6	Tr.	260	7	
5908	8	49.13	1	8	43	25.62	24	1	29.5	Mu.	229	31	
	9	48.06	1			25.77[5]			29.3	Mu.	156	107	[5] R. A. decreased 1 min.
5909	..	49.20	1	8	43	29.28	27	2	34.1	Mu.	234	13	
5910	8	51.13	5	8	43	33.93	25	13	0.1	Tr.	246	17	
5911	10	49.22	1	8	43	38.84	35	17	58.4	Mu.	238	16	
5912	10	51.23	5	8	43	39.94	21	20	54.7	Tr.	255	13	
5913	9	49.12	3	8	43	40.29	32	18	48.2	Mu.	224	53	
5914	8	51.23	5	8	43	40.73	20	35	22.3	Mer.	234	2	
	8	51.23	5			40.88			17.0	Mer.	235	81	
	7	51.24	5			40.96			16.0	Tr.	257	14	
5915	10	49.18	3	8	43	43.04	34	17	35.8	Tr.	218	50	
5916	5.6	47.22	4	8	43	45.03	28	54	25.9	Mu.	102	55	
	7.8	49.14	3			45.11			28.3	Tr.	215	46	
5917	7	49.12	2	8	43	45.88	32	13	21.5	Mu.	224	54	
5918	9	49.22	1	8	43	46.38	38	18	29.1	Tr.	223	21	
5919	8	51.23	5	8	43	58.92	20	31	49.6	Mer.	235	82	
	9	51.24	5			58.96			52.6	Tr.	257	15	
5920	7.8	47.12	1	8	44	0.42	28	18	12.0	Mer.	86	42	
	9.	47.26	2			0.52			12.8	Mu.	104	11	
5921	8.9	47.12	2	8	44	1.01	29	51	35.4	Mu.	93	6	
	8.9	47.23	3			1.32			33.9	Mu.	103	33	
	7	47.21	1			1.34			37.3	Mer.	89	36	
	8	47.10	2			1.43			35.6	Tr.	104	9	
5922	9.10	47.12	1	8	44	1.43	28	11	13.9[6]	Mer.	86	44	[6] Decl. changed one rev. north.
5923	7	47.12	1	8	44	1.45	28	3	36.6	Mer.	86	43	
	8	47.26	4			1.49			37.3	Mu.	104	10	
5924	8	46.27	3	8	44	4.20	39	45	51.1	Mu.	2	1	
5925	9	47.22	1	8	44	4.84	28	42	46.6	Mu.	102	56	
5926	9.8	49.20	1	8	44	6.06	36	3	39.5	Tr.	219	8	
	7	49.21	1			6.19			39.0	Mer.	168	23	
5927	10	51.23	5	8	44	7.53	22	39	45.1	Tr.	254	17	
	8	48.06	2			7.60			45.4	Mer.	220	186	
5928	9	47.10	1	8	44	7.66	27	49	58.5	Mer.	84	164	
5929	7	49.18	4	8	44	9.04	33	40	23.9	Mer.	166	53	
5930	4	49.20	2	8	44	9.41	27	9	20.7	Mu.	234	14	
	4	47.10	2			9.79			19.5	Mer.	84	165	
	4	49.11	3			10.01			20.9	Mu.	222	54	
5931	9	47.12	1	8	44	12.29	27	32	58.3	Mu.	94	136	
5932	8	49.22	1	8	44	13.03	38	35	15.8	Tr.	223	22	
5933	8	48.08	3	8	44	18.70	25	33	40.8	Tr.	161	48	
	8	47.93	3			18.80			32.8	Mer.	215	81	
	7	48.06	3			18.81[7]			37.5	Mer.	221	199	[7] R. A. increased 1 min.
	9	48.24	2			18.86			39.2	Tr.	162	6	
5934	8	49.21	1	8	44	19.00[8]	41	11	11.8	Tr.	222	27	[8] R. A. decreased 1 min.
5935	10	49.20	1	8	44	23.32	37	16	44.1	Mu.	235	50	
5936	9	51.13	5	8	44	28.49	26	22	46.4[9]	Mer.	228	22	[9] Decl. changed five rev. north.
5937	8	49.20	1	8	44	29.56	35	22	20.4	Tr.	219	9	
	7.8	49.18	3			29.68			23.2	Mu.	233	40	
	6	49.22	3			29.83			23.6	Mu.	238	17	
	6	49.21	1			30.15			21.7	Mer.	168	24	
5938	7	51.23	5	8	44	31.40	22	28	42.5	Tr.	254	18	
5939	8	51.24	5	8	44	32.71	19	57	34.8	Mu.	274	3	
5940	9	49.12	2	8	44	37.07	32	30	23.0	Mu.	224	55	
5941	9	49.22	1	8	44	57.88	31	30	51.2	Tr.	225	16	
5942	9	49.20	2	8	44	59.39	36	43	52.3	Tr.	220	39	
5943	10	51.24	5	8	44	59.73	20	2	25.0	Mu.	274	9	
5944	7	49.18	4	8	45	5.08	33	51	41.1	Mer.	166	54	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
5945	8	48.24	2	8	45	9.29	25	38	49.1	Tr.	162	7	
	7	48.06	3			9.36[1]			44.8	Mer.	221	200	[1] R. A. increased 1 min.
	8	47.93	3			9.38			44.1	Mer.	215	82	
	8	48.08	2			9.52			49.2	Tr.	161	49	
5946	10	51.23	5	8	45	25.28	21	21	18.3	Tr.	256	38	
	9	51.23	5			25.30			17.9	Tr.	255	14	
5947	8	47.22	2	8	45	29.77	28	54	6.4	Mu.	102	57	
	10	49.14	1			30.17			5.9	Tr.	215	47	
5948	8	49.22	2	8	45	30.85	38	4	19.1	Tr.	223	23	
5949	9	47.15	3	8	45	32.34	30	35	2.3	Mu.	96	35	
	8	47.18	2			32.57			....	Mer.	87	16	
5950	7	49.11	1	8	45	34.42	27	4	50.1	Mu.	222	55	
	8	49.20	1			34.62			49.6	Mu.	234	15	
5951	9	49.21	2	8	45	41.40	41	6	9.8	Tr.	222	28	
5952	8	51.23	5	8	45	41.93	20	55	50.9	Mer.	234	3	
	8	51.24	5			41.94			50.1	Tr.	257	16	
	8	51.23	5			41.99			47.5	Mer.	235	83	
5953	9	49.20	2	8	45	44.79	36	55	16.8	Tr.	220	40	
5954	9	47.12	1	8	45	50.68	28	35	45.6	Mer.	86	45	
5955	10	49.18	1	8	45	55.51	34	48	31.8	Mu.	233	41	
5956	10	51.23	5	8	45	58.88	21	9	55.7	Tr.	256	39	
5957	8	51.13	5	8	46	2.58	24	52	53.6	Tr.	246	18	
5958	8.9	47.10	2	8	46	3.34	27	38	37.6	Mer.	84	166	
5959	10	49.18	2	8	46	11.52	34	39	26.4	Mu.	233	42	
	10	49.18	2			11.59			28.9	Tr.	218	51	
5960	8.9	47.22	1	8	46	12.51	28	25	40.2[2]	Mu.	102	58	[2] Decl. changed one rev. south.
	9	47.12	1			12.89			41.0	Mer.	86	46	
5961	8	47.10	2	8	46	17.92	29	18	55.4	Mu.	90	43	
	8	47.21	2			18.07[3]			54.7	Mer.	89	37	[3] One thread decreased 5 sec.
5962	7	49.22	2	8	46	18.70	31	56	42.1	Tr.	225	17	
5963	9	48.06	2	8	46	19.77[4]	26	23	7.5	Mu.	157	89	[4] R. A. increased one thread interval.
	..	51.13	5			19.85			16.2[5]	Mer.	228	23	[5] Decl. changed five rev. north.
5964	8	47.18	1	8	46	19.99[6]	30	36	....[7]	Mer.	87	17	[6] R. A. increased one thread interval.
	9	47.15	2			20.29			21.4	Mu.	96	36	[7] Decl. changed one rev. south.
5965	8	47.21	1	8	46	21.82	29	25	40.4	Mer.	89	38	
5966	6.7	51.23	5	8	46	24.85	21	33	12.0	Mu.	272	2	
	7	51.23	5			24.91			7.9	Tr.	256	40	
5967	9.10	49.12	3	8	46	40.96	32	25	13.4	Mu.	224	56	
5968	9	49.22	1	8	46	42.43	32	0	12.5	Tr.	225	18	
5969	9	51.23	5	8	46	44.17	20	52	45.1	Mer.	235	84	
5970	8	51.23	5	8	46	44.22	22	25	42.5	Tr.	254	19	
5971	8	47.12	1	8	46	45.32	27	47	36.5	Mu.	94	137	
	9	47.26	3			45.42			37.6	Mu.	104	12	
	7.8	47.10	1			45.63			39.0	Mer.	84	167	
5972	7.8	49.20	3	8	46	46.08	35	58	52.4	Tr.	219	10	
	7	49.21	4			46.68			51.2	Mer.	168	25	
	6.5	49.22	2			46.68			54.7	Mu.	238	18	
5973	10	49.18	2	8	46	54.93	34	28	59.1	Tr.	218	52	
5974	9	47.15	3	8	46	58.07	30	39	37.8	Mu.	96	37	
5975	8	51.23	5	8	46	58.78	22	27	59.5	Tr.	254	20	
5976	10	49.13	2	8	47	4.14[8]	31	23	58.9	Mu.	226	78	[8] One of tnree threads rejected; R. A.=$4^{s}.91$.
	9	47.27	5			4.48			60.9	Mu.	107	4	
	9	47.23	3			4.86			59.5	Mer.	90	32	
5977	7	49.22	2	8	47	4.74	38	9	38.1	Tr.	223	24	
5978	8	49.20	2	8	47	5.20	37	38	2.5	Mu.	235	51	
5979	10	49.20	1	8	47	6.97	36	43	0.5	Tr.	220	41	
5980	9	51.24	5	8	47	9.55	19	51	50.1	Mu.	274	10	
	8	51.24	5			9.98			53.1	Mer.	236	3	
5981	10	48.08	2	8	47	11.37	25	26	55.9	Tr.	161	50	
	8	48.06	2			11.78			58.3	Mer.	221	201	
5982	9.10	49.18	2	8	47	21.22	34	54	52.4	Mu.	233	43	
5983	9	49.18	2	8	47	26.24	34	15	15.1	Mer.	166	55	
5984	8	48.06	2	8	47	29.62	25	56	61.9	Mer.	221	202	
	9	48.24	3			29.82			53.6	Tr.	162	8	
	8	47.93	4			29.85			59.0	Mer.	215	83	
5985	9	47.10	3	8	47	30.36[9]	29	55	58.4	Tr.	104	10	[9] Two threads increased 10 sec. each.
5986	9	49.13	1	8	47	31.87	23	43	9.3	Mu.	229	33	
5987	9.10	51.23	5	8	47	34.01	21	14	13.9	Mu.	272	3	
	8	51.23	5			34.02			33.3	Tr.	255	15	
5988	9	51.13	5	8	47	34.32	26	21	4.0	Mer.	228	24	
	10	48.06	1			34.39			4.3	Mu.	157	90	
5989	9	49.20	2	8	47	35.60	27	9	48.8	Mu.	234	16	
5990	8	47.10	1	8	47	38.80	27	43	37.7	Mer.	84	168	
5991	9	49.12	3	8	47	47.58	32	33	19.0	Mu.	224	57	
5992	9.10	49.20	1	8	47	48.41	35	27	9.8	Tr.	219	11	
	7	49.21	3			49.02			6.1	Mer.	168	26	
	8	49.22	1			49.05			6.7	Mu.	238	19	
5993	8	51.23	5	8	47	49.51	20	39	58.4	Mer.	234	4	
	8	51.23	5			49.72			56.2	Mer.	235	85	
	9	51.24	5			49.75			61.1	Tr.	257	17	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
5994	6	51.28	5	8	47	51.81	22	57	19.2	Tr.	260	8	
	7	48.06	7			52.05			19.1	Mer.	220	187	
5995	9	47.27	1	8	47	52.49	31	27	43.9[1]	Mu.	107	5	[1] Decl. changed one rev. south.
5996	8	47.18	2	8	47	53.17	30	40	....	Mer.	87	18	
	9	47.15	2			53.69			38.5	Mu.	96	38	
5997	9	47.12	1	8	47	54.97	27	58	9.9	Mer.	86	47	
	8.9	47.10	1			55.34			6.7	Mer.	84	169	
5998	7	47.27	2	8	48	0.82	31	35	21.4	Mu.	107	6	
	7.8	47.23	2			0.83[2]			23.5[3]	Mer.	90	33	[2] One of three threads rejected; R. A.=47^m $59^s.81$.
	8.9	49.13	2			1.22			19.5	Mu.	226	79	
	7.8	49.22	2			1.95			19.5	Tr.	225	19	[3] Decl. changed one wire interval south.
5999	10	49.18	1	8	48	3.06	34	15	31.2	Tr.	218	53	
	9	49.18	1			3.09			29.5	Mer.	166	56	
6000	8.9	49.18	1	8	48	5.62	35	5	21.2	Mu.	233	44	
6001	8	51.27	5	8	48	7.18	18	43	11.4	Tr.	259	1	
6002	9	48.06	1	8	48	7.28	25	36	15.5	Mer.	221	203	
6003	9	51.13	5	8	48	19.63	24	59	17.0	Tr.	246	19	
6004	8	49.13	2	8	48	25.31	23	49	51.3	Mu.	229	34	
	5	51.23	5			25.81			54.1	Mu.	273	1	
	9	48.06	1			26.13			53.6	Mu.	156	108	
6005	8	49.21	2	8	48	26.37	41	15	31.3	Tr.	222	29	
6006	9	49.21	2	8	48	35.57	41	24	55.0	Tr.	222	30	
6007	7.8	47.10	1	8	48	39.11	27	30	47.6	Mer.	84	170	
	7	47.12	2			39.20			45.2	Mu.	94	138	
6008	8	51.23	5	8	48	40.87[4]	21	10	37.5	Tr.	255	16	[4] One thread decreased 1 sec. No chronograph tape found.
	9	51.23	5			40.99			34.7	Tr.	256	41	
6009	..	51.13	5	8	48	46.84	26	6	17.6	Mer.	228	26	
	8	47.93	1			47.01			25.9[5]	Mer.	215	84	[5] Decl. changed one wire interval south.
6010	10	49.22	1	8	48	48.22	38	13	37.6	Tr.	223	25	
6011	9	49.18	1	8	48	49.05	34	56	10.5	Mu.	233	45	
6012	9	49.20	2	8	48	57.23	35	29	8.6	Tr.	219	12	
	7	49.21	3			57.29			4.5	Mer.	168	27	
	7	49.22	2			57.66			19.9[6]	Mu.	238	20	[6] If micrometer reading be assumed as 40.802 instead of 40.602 rev., as recorded, Decl.= 7″.2.
6013	9	49.12	2	8	48	59...[7]	32	51	16.6	Mu.	224	58	
	10	49.12	2			59.54			12.2[8]	Tr.	213	26	
6014	10	49.22	1	8	49	3.91	37	50	5.8	Tr.	223	26	[7] Separate threads give $58^s.78$, $59^s.70$.
	7	49.20	2			4.03			5.7	Mu.	235	52	[8] Decl. changed two rev. south.
6015	9	51.23	5	8	49	4.11	22	48	56.4	Tr.	254	21	
6016	4.5	47.12	2	8	49	5.36	27	6	19.8	Mu.	94	139	
	4	49.11	3			5.50			27.5	Mu.	222	56	
	5	49.20	3			5.61			25.2	Mu.	234	17	
6017	9	51.23	4	8	49	5.82[9]	21	1	4.1	Mer.	234	5	[9] One of five threads rejected; R. A.=$6^s.22$.
6018	9	51.23	5	8	49	6.21	21	15	19.6	Tr.	255	17	
	9.10	51.23	5			6.32			26.1	Mu.	272	4	
6019	9	47.12	3	8	49	7.92	30	27	1.0	Mu.	93	7	
	..	47.18	1			7.97[10]			....	Mer.	87	19	[10] R. A. decreased 50 sec.
6020	10	51.26	5	8	49	10.93	19	14	6.4	Tr.	258	17	
6021	8	49.18	1	8	49	11.15	33	54	3.7	Mer.	166	57	
6022	8	51.23	5	8	49	12.39	20	17	50.3	Mer.	235	86	
6023	9	51.23	2	8	49	18.32[11]	20	17	42.5	Mer.	235	87	[11] Separate threads give $18^s.65$, $18^s.00$.
6024	6	48.06	3	8	49	19.14[12]	23	14	61.3[13]	Mer.	220	188	[12] R. A. increased 1 min.
	4	51.28	5			19.23			59.0	Tr.	260	9	[13] Decl. changed one wire interval south.
6025	7.8	49.12	2	8	49	19.79	32	49	54.9[14]	Tr.	213	27	[14] Decl. changed one rev. north.
	8	49.12	2			19.92			52.3	Mu.	224	59	
6026	7	47.23	1	8	49	20.99[15]	31	30	41.0[16]	Mer.	90	34	[15] R. A. increased 20 sec.
6027	9	47.12	2	8	49	22...[17]	29	57	8.0	Mu.	93	8	[16] Decl. changed one wire interval north.
	9	47.23	4			22.11			10.2	Mu.	103	34	[17] Separate threads give $22^s.41$, $21^s.51$.
	8	47.10	3			22.31			9.6	Tr.	104	11	
6028	9	47.15	4	8	49	22.57	30	43	5.3	Mu.	96	39	
6029	9	47.15	4	8	49	22.62	30	37	6.2	Mu.	96	40	
6030	8	49.18	3	8	49	23.47	34	0	42.3	Mer.	166	58	
6031	8	47.21	3	8	49	24.94	29	23	37.4	Mer.	89	39	
6032	10	48.06	2	8	49	27.05	25	40	54.4	Mer.	221	204	
	10	48.08	2			27.35			47.1	Tr.	161	51	
6033	6	51.13	5	8	49	28.48	26	4	32.2	Mer.	228	27	
	..	51.13	5			28.54			31.0	Mer.	228	25	
	9	48.24	2			28.62			32.7	Tr.	162	9	
	9	48.06	1			28.68			31.7	Mu.	157	91	
	7	47.93	3			28.76			29.2[18]	Mer.	215	85	[18] Decl. changed one wire interval south.
6034	8	47.10	1	8	49	30.45	27	25	9.0	Mer.	84	171	
6035	6	49.20	3	8	49	32.30	37	45	25.0	Mu.	235	53	[19] Separate threads give $33^s.33$, $32^s.56$.
6036	9	49.22	2	8	49	32.84	31	36	34.1	Tr.	225	20	[20] Decl. changed one wire interval south.
	9	47.27	2			32.95[19]			32.1	Mu.	107	7	[21] One of five threads rejected; R. A.=$52^s.34$.
	8.9	47.23	1			32.98			33.2[20]	Mer	90	35	[22] One of five threads rejected; R. A.=$59^s.60$.
	9.10	49.13	2			33.21			30.4	Mu.	226	80	[23] Component not stated.
6037	8	51.13	5	8	49	52.40	24	53	41.1	Tr.	246	20	[24] Decl. changed three wire intervals south. Equatorial comparison with CiZ 1629 gives for north star, Decl.=50″, for south star, Decl.=63″.
	9	51.13	4			52.82[21]			35.5	Tr.	246	21	
6038	8	51.27	5	8	49	54.72	18	54	11.5	Tr.	259	2	
6039	9	51.23	4	8	49	59.22[22]	19	34	58.4	Mu.	271	2[23]	
	10	51.24	5			59.32			76.4[24]	Mer.	236	4[25]	[25] "Double, south observed."

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
6040	7.8	47.22	3	8	49	59.47	28	52	43.0	Mu.	102	59	
	9	49.14	1			59.47			46.7	Tr.	215	48	
6041	7	47.22	1	8	50	8.83	28	46	18.4	Mu.	102	60	
	9	49.14	1			9.00			21.5	Tr.	215	49	
6042	9	51.23	5	8	50	13.47	23	47	14.1	Mu.	273	2	
6043	9.10	47.12	1	8	50	27.59	28	30	22.9	Mer.	86	48	
6044	8	49.20	2	8	50	30.43	36	32	56.5	Tr.	220	42	
6045	9	47.23	2	8	50	33.43	30	7	51.7	Mu.	103	35	
	8.9	47.10	3			33.48			50.6	Tr.	104	12	
	9	47.12	3			33.65			51.1	Mu.	93	9	
6046	10	49.18	3	8	50	38.79	34	25	1.1	Tr.	218	54	
6047	8	47.21	3	8	50	45.24[1]	29	16	15.3	Mer.	89	40	[1] R. A. decreased one thread interval.
	9	47.10	1			45.76			11.6	Mu.	90	44	
6048	10	49.21	1	8	50	46.31	41	34	57.9	Tr.	222	31	
6049	7	51.27	5	8	50	47.26	18	33	51.9	Tr.	259	3	
6050	7	51.23	5	8	50	51.10	20	22	46.6	Mer.	234	6	
6051	7	47.12	1	8	51	7.03	27	8	25.7	Mu.	94	140	
	7	49.20	2			7.23			18.8	Mu.	234	18	
	7.8	47.10	1			7.41			17.9	Mer.	84	172	
	7	49.11	2			7.42			21.7	Mu.	222	57	
6052	9	51.23	5	8	51	10.29	19	15	56.2	Mu.	271	3	
6053	8.9	47.12	2	8	51	36.61	28	17	35.4	Mer.	86	49	
6054	9	47.23	2	8	51	39.97	31	5	37.9	Mer.	90	36	
	9	49.13	3			40.25			36.7	Mu.	226	81	
	7.8	47.27	4			40.43			34.7	Mu.	107	8	
6055	8	49.13	2	8	51	40. . .[2]	23	51	3.4	Mu.	229	35	[2] Separate threads give 39^{s}.23, 40^{s}.76.
	6	51.23	5			40.34			4.0	Mu.	273	3	
6056	9	48.08	2	8	51	44.58	25	46	18.9	Tr.	161	52	
	9	48.24	3			44.59			18.0	Tr.	162	10	
	8	47.93	7			44.66			14.1	Mer.	215	86	
	8	48.06	2			44.92[3]			17.7	Mer.	221	205	[3] One of three threads rejected; R. A =43^{s}.53.
6057	. .	51.13	5	8	51	45.13	26	13	56.0	Mer.	228	28	
	9	48.06	1			45.88			51.3	Mu.	157	92	
6058	10	49.18	2	8	51	47.90	34	19	48.4	Tr.	218	55	
6059	10	49.21	1	8	51	51.33	35	25	8.6	Mer.	168	28	
	9.10	49.18	3			51.45			8.0	Mu.	233	46	
	8	49.22	3			51.63			7.4	Mu.	238	21	
6060	9	51.23	5	8	51	55.19	22	22	9.7	Tr.	254	22	
6061	7	48.06	5	8	51	57.82	23	13	0.8	Mer.	220	189	
6062	9	49.22	3	8	51	58.11	38	9	53.0	Tr.	223	27	
6063	9	47.23	3	8	51	58.36	30	23	30.5	Mu.	103	36	
	8.9	47.10	2			58.51			30.4	Tr.	104	13	
	8.9	47.15	2			58.54[4]			29.8	Mu.	96	41	[4] One of three threads rejected; R. A.=57^{s}.65.
	9	47.12	3			58.78			27.9	Mu.	93	10	
6064	9	49.22	2	8	52	7.88[5]	31	42	7.5	Tr.	225	21	[5] Minute assumed.
6065	9	49.20	2	8	52	8.36	37	8	19.2	Tr.	220	43	
6066	7	47.27	1	8	52	9.31[6]	31	33	39.2[7]	Mu.	107	10[8]	[6] R. A. decreased 10 sec.
	9	49.13	2			9.59			42.1	Mu.	226	82	[7] Decl. changed five rev. north.
6067	8	51.24	5	8	52	10.35	19	53	26.3	Mu.	274	11	[8] Decl. interchanged with that of Mu. 107, No. 9.
6068	9	49.18	3	8	52	12.21	33	49	51.3	Mer.	166	59	
6069	8	49.11	2	8	52	20.33	26	49	47.4	Mu.	222	58	
6070	8	47.18	5	8	52	30.85	30	39	. . . .	Mer.	87	22	
	8.9	47.15	3			31.63			54.5	Mu.	96	42	
6071	9	47.22	2	8	52	33.53	29	2	36.5	Mu.	102	61	
6072	6.7	47.23	1	8	52	35.16	31	22	70.2	Mer.	90	37	
	9	49.13	1			35.44			68.1	Mu.	226	83	
	7	47.27	3			35.58			56.6	Mu.	107	9[9]	[9] See note 8 on No. 6066$_1$.
6073	10	51.24	5	8	52	39.47	19	17	5.3	Mer.	236	5	
6074	8	49.13	1	8	52	43.78	24	8	44.6	Mu.	229	36	
6075	9	47.22	1	8	52	44.85[10]	28	41	46.3	Mu.	102	62	[10] R. A. increased 10 sec.
	10	49.14	1			44.85			45.7	Tr.	215	50	
6076	6	51.27	5	8	52	48.79	18	37	23.8	Tr.	259	4	
6077	10	49.22	1	8	52	50.21	31	52	33.2	Tr.	225	22	
6078	6	48.06	2	8	52	50.61	22	35	13.9	Mer.	220	190	
	8	51.23	5			50.79			9.8	Tr.	254	23	
6079	6	47.12	1	8	52	53.65	28	13	35.2	Mer.	86	50	
	7.8	47.26	5			53.91			34.6	Mu.	104	13	
6080	9	51.24	5	8	53	0.30	20	13	47.1	Mu.	274	12	
	8	51.23	5			0.39			46.6	Mer.	235	88	
6081	8	51.23	5	8	53	0.84	21	33	16.8	Tr.	255	18	
	9	51.23	5			0.91			17.1	Tr.	256	42	
	10	51.23	4			0.97[11]			19.6	Mu.	272	5	[11] One of five threads rejected; R. A.=1^{s}.41.
6082	7	49.13	1	8	53	2.84	23	39	20.8	Mu.	229	37	
	5	51.23	5			2.95			22.1	Mu.	273	4	
6083	10	49.12	1	8	53	3.60	32	31	26.6	Mu.	224	60	
6084	9	47.10	3	8	53	3.71[12]	30	3	18.1[13]	Tr.	104	14	[12] R. A. increased one thread interval.
6085	10	49.12	1	8	53	8.92	32	32	53.4[14]	Mu.	224	61	[13] Decl. changed three rev. north.
6086	10	49.18	2	8	53	16.02	34	43	42.6	Tr.	218	56	[14] Decl. changed one rev. north.
	9.10	49.18	3			16.24[15]			43.8	Mu.	233	47	[15] One thread decreased 10 sec.
6087	6	49.20	3	8	53	17.11	27	13	59.2	Mu.	234	19	
	6	49.11	1			17.28			58.8	Mu.	222	59	
	7	47.12	3			17.36			58.5	Mu.	94	141	
	6.7	47.10	3			17.41			58.6	Mer.	84	173	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
6088	8	49.20	2	8	53	23.21	37	38	53.4	Mu.	235	54	
6089	9	47.15	2	8	53	24.66	30	47	27.6	Mu.	96	43	
6090	9.10	49.20	1	8	53	33.30	35	47	61.8	Tr.	219	13	
	8	49.22	3			34.15			59.6	Mu.	238	22	
	10	49.21	4			34.21			58.9	Mer.	168	29	
6091	11	51.27	5	8	53	36.54	18	42	21.8	Tr.	259	5	
6092	9	47.12	1	8	53	42.44	28	22	10.9	Mer.	86	51	
6093	10	49.12	2	8	53	42.75	33	30	2.9	Tr.	213	28	
6094	..	51.24	5	8	53	45.80	19	37	....	Mer.	236	7	
	9	51.24	5			45.92			54.0	Mer.	236	6	
	9	51.26	5			45.99			56.8	Tr.	258	18	
6095	9	47.12	1	8	53	47.67	28	30	35.5	Mer.	86	52	
6096	9	47.10	2	8	53	48.80[1]	30	7	28.5[2]	Tr.	104	15	[1] One of three threads rejected; R. A.=49ˢ.64.
	9	47.12	3			48.85			31.2	Mu.	93	11	[2] Decl. changed two rev. north.
6097	6	51.23	5	8	53	52.31	20	38	0.8	Mer.	235	89	
	6	51.23	5			52.33			0.7	Mer.	234	7	
	7	51.24	5			52.40			0.1	Tr.	257	18	
6098	9	49.12	1	8	53	54.82	32	44	28.8	Mu.	224	62	
6099	9.10	49.20	2	8	53	59.07	36	42	16.7	Tr.	220	44	
6100	10	49.21	2	8	54	3.77	41	39	9.4	Tr.	222	32	
6101	4	51.23	5	8	54	15.89	23	34	9.6	Mu.	273	5	
	5	49.13	3			16.11			10.1	Mu.	229	38	
6102	9	49.22	1	8	54	17.30	31	49	26.9	Tr.	225	23	
6103	7	51.27	5	8	54	18.16	18	45	28.3	Tr.	259	6	
6104	8	51.23	5	8	54	19.10	21	25	18.4	Tr.	255	19	
	10	51.23	5			19.29			15.3	Tr.	256	43	
6105	9	49.20	1	8	54	38.62	26	55	48.9	Mu.	234	20	
	6	49.11	2			38.96			50.2	Mu.	222	60	
	6	49.26	1			39.32			50.0	Mer.	174	1	
6106	8	51.13	5	8	54	38.66	24	55	51.7	Tr.	246	22	
6107	9	51.23	4	8	54	40.26[3]	21	29	26.4	Tr.	255	20	[3] One of five threads rejected; R. A.=40ˢ.74.
	10	51.23	5			40.45			22.9	Tr.	256	44	
6108	6	47.93	5	8	54	40.82	26	4	34.2	Mer.	215	87	
	..	51.13	3			40.93[4]			....	Mer.	228	29	[4] One of four threads rejected; R. A.=41ˢ.53.
	7	48.24	3			40.96[5]			35.6	Tr.	162	11	[5] Separate threads give 41ˢ.43, 40ˢ.93, 40ˢ.52.
	6	48.06	1			41.28			35.6	Mu.	157	93	
	6	48.06	3			41.49			32.3	Mer.	221	206	
	7	48.08	2			41.53[6]			35.4	Tr.	161	53	[6] One of three threads rejected; R. A.=40ˢ.75.
6109	9	49.18	4	8	54	45.90	33	58	56.4	Mer.	166	60	
6110	9.10	47.26	..	8	54	46. ..	28	10	28.3	Mu.	104	15	
6111	8	47.12	1	8	54	52.06	28	14	54.9	Mer.	86	53	
	9	47.26	3			52.39			55.7	Mu.	104	14	
6112	10	49.18	1	8	54	52.34	33	54	25.2	Mer.	166	61	
6113	7.8	47.10	1	8	54	57.17	27	44	18.2	Mer.	84	174	
6114	9	51.24	5	8	55	6.68	19	27	18.0	Mer.	236	8	
	8	51.23	4			6.81[7]			23.5	Mu.	271	4	[7] One of five threads rejected; R. A.=6ˢ.33.
6115	8.9	47.12	4	8	55	7.50	30	7	13.7	Mu.	93	12	
	9	47.23	2			7.54[8]			13.0	Mu.	103	37	[8] One of three threads rejected; R. A.=8ˢ.29.
	9	47.10	3			7.60			11.6[9]	Tr.	104	16	[9] Decl. changed two rev. north.
6116	8	51.13	5	8	55	9.77	24	50	46.1[10]	Tr.	246	23	[10] One transit thread rejected; Decl.=60″.2.
6117	9.10	49.20	2	8	55	16.18	37	11	22.7	Tr.	220	45	
6118	8	48.06	5	8	55	20.26	23	9	47.6	Mer.	220	191	
6119	7	47.93	3	8	55	21.10[11]	25	59	19.2	Mer.	215	88	[11] R. A. increased 1 min.
	..	51.13	4			21.34[12]			....	Mer.	228	30	[12] One of five threads rejected; R. A.=20ˢ.84.
	7	48.24	3			21.36			17.9	Tr.	162	12	
	8	48.08	1			21.48			15.1	Tr.	161	54	
	7	48.06	1			21.53			20.8	Mu.	157	94	
	7	48.06	1			21.82			18.2	Mer.	221	207	
6120	9	49.22	2	8	55	23.07	38	20	1.6	Tr.	223	28	
6121	9	49.18	2	8	55	25.04	34	50	34.4	Tr.	218	57	
	8.9	49.18	3			25.44			26.2	Mu.	233	48	
6122	7	49.11	2	8	55	25.93[13]	26	41	50.6	Mu.	222	61	[13] R. A. decreased 1 min.; one thread increased 10 sec.
6123	8	51.24	5	8	55	31.47	19	25	7.1	Mer.	236	9	
	9	51.23	4			31.48[14]			8.6	Mu.	271	5	[14] One of five threads rejected; R. A.=30ˢ.85.
6124	7	51.23	5	8	55	33.74	20	43	37.2	Mer.	234	8	
	8	51.23	5			33.90			35.2	Mer.	235	90	
	10	51.24	5			34.04			35.3	Tr.	257	19	
6125	11	49.22	2	8	55	36.76[15]	35	29	3.4	Mu.	238	23	[15] R. A. decreased one thread interval.
6126	9	49.20	1	8	55	38.02	27	13	31.2	Mu.	234	21	
	7.8	47.10	1			38.70			28.6	Mer.	84	175	
	8	49.26	2			38.79			27.1	Mer.	174	2	
6127	8	49.20	1	8	55	44.80	37	30	8.3	Mu.	235	55	
6128	7	49.21	2	8	55	46.88[16]	41	16	39.3	Tr.	222	33	[16] R. A. decreased 1 min. One of three threads rejected; R. A.=47ˢ.60.
6129	8	48.06	2	8	55	51.80[17]	25	28	12.5	Mer.	221	208	
6130	8	48.06	2	8	55	57.64	25	39	15.3	Mer.	221	209	[17] AW, Gou, and GZ indicate that this R. A. should be increased 1 sec. though GZ does not indicate such an increase for Mer. 221, No. 209, a star whose two threads were obtained one before and one after the transits of this star.
6131	8	49.18	2	8	56	2.46	35	6	2.2	Mu.	233	49	
6132	8	48.06	2	8	56	5.56	22	35	52.9	Mer.	220	192	
6133	9	47.27	2	8	56	5.94	30	54	55.6	Mu.	107	11	
6134	10	49.22	1	8	56	11.17	38	14	55.5	Tr.	223	29	
6135	7	51.23	5	8	56	14.80	23	39	37.1	Mu.	273	6	
	7	49.13	3			14.89			37.4	Mu.	229	39	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
6136	8	51.24	5	8	56	17.92	19	57	23.8	Mu.	274	13	
6137	8.9	47.12	2	8	56	18.27 [1]	30	25	42.1	Mu.	93	13	[1] One of three threads rejected; P. A. = 19ˢ.27.
	8	47.21	2			18.33 [2]			44.9	Mu.	101	22	[2] One of three threads rejected; R. A. = 16ˢ.91.
	8	47.18	3			18.34			....	Mer.	87	24	
	8	47.10	3			18.40			42.6	Tr.	104	17	
	8.9	47.15	3			18.42			39.3	Mu.	96	44	
	9	47.23	4			18.56			43.4	Mu.	103	38	
6138	9	49.22	2	8	56	18.35	31	42	7.6	Tr.	225	24	
6139	8	49.18	2	8	56	20.57	33	39	24.0	Mer.	166	62	
6140	8	47.12	3	8	56	25.06	27	36	31.3	Mu.	94	142	
	7	47.10	1			25.13			28.0	Mer.	84	176	
6141	8	51.13	5	8	56	25.63	25	1	53.1	Tr.	246	24	
6142	8	47.10	1	8	56	26.54	27	41	34.9	Mer.	84	177	
6143	7	51.13	5	8	56	34.34	24	54	55.1	Tr.	246	25	
6144	9	49.18	2	8	56	38.13	34	13	30.0	Tr.	218	58	
6145	9	47.27	3	8	56	38.69	31	18	32.0	Mu.	107	12	
	9.10	49.13	2			39.32 [3]			33.4	Mu.	226	84	[3] One of three threads rejected; R. A. = 38ˢ.55.
	9	47.23	3			39.42			33.2	Mer.	90	38	
6146	7.8	49.22	2	8	56	40.41 [4]	31	50	59.2	Tr.	225	25	[4] R. A. increased 10 sec.
6147	6	51.13	5	8	56	41.29	26	19	41.4	Mer.	228	31	
6148	10	49.22	1	8	56	42.57	35	17	34.4	Mu.	238	24	
6149	8	51.23	5	8	56	44.68	20	27	1.5	Mer.	234	9	
	8	51.23	5			44.97			0.3	Mer.	235	91	
	10	51.24	5			45.02			0.6	Tr.	257	20	
6150	5	51.23	5	8	56	46.95	22	24	22.4	Tr.	254	24	
6151	7	51.24	5	8	56	56.96	19	13	61.3	Mer.	236	11	
	8	51.23	5			57.10			59.1	Mu.	271	6	
	8	51.26	5			57.15			55.8	Tr.	258	19	
6152	9	49.26	3	8	57	2.50	27	32	57.6	Mer.	174	3	
	8.9	47.12	2			2.51			56.0	Mu.	94	143	
6153	9	47.15	1	8	57	2.83	30	31	50.0	Mu.	96	45	
6154	8	48.08	2	8	57	7.99	25	33	34.2	Tr.	161	55	
	9	47.93	1			8.24			35.2 [5]	Mer.	215	89	[5] Decl. changed five rev. south.
	8	48.06	2			8.49			32.1 [6]	Mer.	221	210	[6] Decl. changed one rev. north.
	9	48.24	1			8.74			30.6	Tr.	162	13	
6155	8	49.12	3	8	57	8.61	33	0	28.3	Tr.	213	29	
6156	9	49.21	2	8	57	8.78	36	2	4.7 [7]	Mer.	168	30	[7] Decl. changed five rev. south.
6157	8	49.18	1	8	57	14.63	33	36	32.1	Mer.	166	63	
6158	7	51.28	5	8	57	17.15	23	15	22.7	Tr.	260	10	
	8	48.06	3			17.22			21.7	Mer.	220	193	
6159	9	49.22	2	8	57	20.66	38	1	8.7	Tr.	223	30	
6160	9	49.22	1	8	57	23.96	38	3	25.2	Tr.	223	31	
6161	9.10	49.20	2	8	57	25.19	36	45	38.9	Tr.	220	46	
6162	8	51.13	5	8	57	27.08	26	7	27.8 [8]	Mer.	228	32	[8] If micrometer reading be assumed as 41.050 instead of 41.50 rev., as recorded, Decl. = 43″.2, agreeing with AW.
6163	8.9	51.23	5	8	57	29.11	21	23	42.0	Mu.	272	6	
	10	51.23	5			29.40			41.3	Tr.	256	45	
	9	51.23	5			29.45			36.4	Tr.	255	21	
6164	9	49.12	2	8	57	30.85	33	6	9.3	Tr.	213	30	
6165	9	47.10	2	8	57	31.70	29	42	8.5	Tr.	104	18	
6166	9	49.21	2	8	57	32.47	36	3	55.8	Mer.	168	31	
6167	6	51.23	5	8	57	34.32	23	38	52.2	Mu.	273	7	
	7	49.13	1			34.77			53.3	Mu.	229	40	
6168	8	49.11	1	8	57	40.51	26	59	54.5	Mu.	222	62	
6169	7	51.24	..	8	57	42...	19	28	25.4	Mer.	236	12	
	7	51.24	5			42.17			24.4	Mer.	236	10	
	7	51.26	5			42.29			27.9	Tr.	258	20	
	7	51.23	5			42.34			27.4	Mu.	271	7	
6170	9	47.23	1	8	57	46.02	31	19	5.7	Mer.	90	39	
	9.10	49.13	3			46.39			6.9	Mu.	226	85	
	9	47.27	1			46.65			6.4	Mu.	107	13	
6171	9	49.20	2	8	57	52.32	37	35	38.5	Mu.	235	56	
6172	10	49.22	1	8	58	1.89	38	12	10.8	Tr.	223	32	
6173	7	51.23	5	8	58	2.74	20	25	46.9	Mer.	234	10	
	7	51.23	5			2.80			45.4	Mer.	235	92	
6174	7	48.06	1	8	58	4.73	26	29	40.8	Mu.	157	95	
	8	49.20	2			5.05			40.5	Mu.	234	22	
6175	9	51.27	5	8	58	5.90	18	43	38.2	Tr.	259	7	
6176	9	49.18	2	8	58	10.15	34	27	1.4	Tr.	218	59	
6177	9	49.12	3	8	58	11.85	32	30	27.4	Mu.	224	63	
6178	10	49.20	2	8	58	12.72	37	32	23.5	Mu.	235	57	
6179	10	51.23	5	8	58	13.02	21	26	48.3	Tr.	256	46	
	9	51.23	5			13.05			46.6	Tr.	255	22	
6180	8	49.21	3	8	58	14.45	40	57	44.4	Tr.	222	34	
6181	8	51.23	5	8	58	14.56	20	31	54.5 [9]	Mer.	234	11	[9] Decl. changed one rev. north.
	9	51.23	5			14.74			54.0	Mer.	235	93	
	11	51.24	5			14.89			55.0	Tr.	257	21	
6182	9	51.13	5	8	58	14.57	25	4	1.4	Tr.	246	26	
6183	8	49.22	3	8	58	17.59	31	51	14.0	Tr.	225	26	
6184	9	48.06	2	8	58	22.03	23	10	51.5	Mer.	220	194	
6185	10	48.06	1	8	58	25.26	23	13	53.0	Mer.	220	195	
6186	7	49.13	1	8	58	25.78	23	35	40.5	Mu.	229	41	
	7	51.23	5			26.13			24.4 [10]	Mu.	273	8	[10] Gou gives 39″.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
6187	7	51.23	5	8	58	41.41	22	22	30.1	Tr.	254	25	
6188	9	51.23	4	8	58	42.71[1]	20	39	10.4[2]	Mer.	234	12	[1] R. A. increased one thread interval.
6189	8	47.26	4	8	58	42.85	28	25	19.5	Mu.	104	16	[2] Decl. changed one wire interval south.
	6.7	47.22	2			42.97[3]			19.1	Mu.	102	63	[3] One of three threads rejected; R. A. = $43^{\mathrm{s}}.97$.
	7	49.14	2			43.11			20.7	Tr.	215	51	
	6	47.12	4			43.17			17.1	Mer.	86	54	
6190	9	47.12	1	8	58	45.62	28	10	54.1	Mer.	86	55	
6191	9	51.23	..	8	59	11...	20	56	2.2	Mer.	235	94	
	9	51.24	5			11.59			4.2	Tr.	257	22	
	8	51.23	5			11.60			8.1	Mer.	234	13	
6192	9	51.27	5	8	59	13.54	18	44	8.7	Tr.	259	8	
6193	8.9	47.12	2	8	59	17.05	27	29	9.8	Mu.	94	144	
	8	47.10	1			17.23			10.6[4]	Mer.	84	178	[4] Decl. changed one rev. north.
	8	49.26	2			17.42			9.6	Mer.	174	4	
6194	8	51.23	5	8	59	20.15	19	30	31.2	Mu.	271	8	
	8	51.24	5			20.20			33.7	Mer.	236	13	
	8	51.26	5			20.25			35.9	Tr.	258	21	
6195	8	49.11	2	8	59	21.44	26	44	6.8	Mu.	222	63	
	9	49.20	2			21.75			8.0	Mu.	234	23	
	9	47.26	2			21.81			7.5	Tr.	105	1	
6196	9	48.06	1	8	59	24.80	23	8	38.5	Mer.	220	196	
6197	10	48.24	2	8	59	28.39	25	38	20.9[5]	Tr.	162	14	[5] Decl. changed one wire interval south.
	9	48.08	2			28.41			25.0	Tr.	161	56	
	8	48.06	5			28.65			21.8	Mer.	221	211	
	9	47.93	5			28.69			23.1	Mer.	215	90	
6198	10	49.18	2	8	59	29.46	34	12	12.2	Tr.	218	60	
6199	9	47.15	3	8	59	32.15	30	39	40.0	Mu.	96	46	
6200	9	51.27	5	8	59	35.22	18	41	6.8	Tr.	259	9	
6201	9.10	49.12	2	8	59	35.91	32	22	16.7	Mu.	224	64	
6202	11	49.22	1	8	59	41.92	35	37	30.1	Mu.	238	25	
6203	10	51.23	5	8	59	43.37	22	19	33.3	Tr.	254	26	
6204	9	47.10	2	8	59	44.34	30	16	42.2[6]	Tr.	104	19	[6] Decl. changed one rev. south.
	9.10	47.12	1			44.80			42.1	Mu.	93	14	
6205	..	51.13	4	8	59	44.53[7]	26	7	....	Mer.	228	34[8]	[7] One of five threads rejected; R. A. = $44^{\mathrm{s}}.06$.
	..	51.13	3			44.35[9]			4.4	Mer.	228	33	[8] "Double". Preceding observed.
6206	..	51.13	5	8	59	45.69	26	7	....	Mer.	228	35[10]	[9] One of four threads rejected; R. A. = $45^{\mathrm{s}}.07$.
6207	8	49.18	6	8	59	47.11	33	56	13.5	Mer.	166	64	[10] "Double". Following observed.
6208	10	49.12	2	8	59	47.26	32	14	3.6[11]	Mu.	224	65	[11] Decl. changed five rev. south.
	10	49.22	2			47.59			4.3	Tr.	225	27	
6209	9	49.21	2	8	59	48.49	41	34	10.0	Tr.	222	35	
6210	9.10	51.23	5	8	59	49.95	21	18	49.3	Mu.	272	7	
	..	51.23	5			50.25			....	Tr.	255	23	
6211	6	49.13	3	8	59	51.79	23	33	34.5	Mu.	229	42	
	6	51.23	5			51.83			21.5[12]	Mu.	273	9	[12] Gou gives 34″.
6212	9	47.15	1	8	59	52.45	30	51	8.0	Mu.	96	47	
6213	9.10	47.12	2	8	59	53. . .[13]	30	23	3.6[14]	Mu.	93	15	[13] Separate threads give $51^{\mathrm{s}}.72$, $55^{\mathrm{s}}.03$.
6214	7	49.22	2	8	59	56.86	35	29	51.0	Mu.	238	26	[14] GZ gives 33″.
	8.9	49.20	2			57.06			48.7	Tr.	219	14	
	8.9	49.18	1			57.20			52.1	Mu.	233	50	
	7	49.21	2			57.22			50.4	Mer.	168	32	
6215	10	49.22	1	8	59	58.21	38	2	58.5	Tr.	223	33	
6216	8	49.20	1	9	0	0.22	37	38	50.5	Mu.	235	58	
6217	8	49.26	2	9	0	0.55	27	22	27.5	Mer.	174	5	
	8.9	47.12	1			0.57			21.1	Mu.	94	145	
	8	47.10	2			0.70			25.1	Mer.	84	179	
6218	9.10	49.13	3	9	0	1.43	30	59	40.1	Mu.	226	86	
	9	47.15	1			1.48			41.1	Mu.	96	48	
	8	47.27	4			1.75			39.8	Mu.	107	14	
6219	9.10	47.12	1	9	0	6.89	28	17	5.8	Mer.	86	56	
6220	9	48.06	1	9	0	9.14	26	20	15.0	Mu.	157	96	
	..	51.13	5			9.48			8.8[15]	Mer.	228	36	[15] Decl. changed two wire intervals north.
6221	8	51.23	5	9	0	11.02	22	43	35.6	Tr.	254	27	
6222	8.9	49.20	2	9	0	14.14	36	33	8.3	Tr.	220	47	
6223	10	49.14	1	9	0	26.26	28	41	32.2	Tr.	215	52	
	8.9	47.22	3			26.43			27.9	Mu.	102	64	
6224	9	51.24	5	9	0	31.06	19	44	44.5	Mu.	274	14	
	8	51.24	4			31.32[16]			44.0	Mer.	236	14	[16] One of five threads rejected; R. A. = $30^{\mathrm{s}}.80$.
6225	9.10	49.20	1	9	0	32.40	36	46	30.8	Tr.	220	48	
6226	9	49.12	3	9	0	33.89	32	57	59.3	Tr.	213	31	
6227	9	47.27	..	9	0	45. . .	31	13	56.9	Mu.	107	15	
6228	9	49.20	1	9	0	51.70	37	57	20.3	Mu.	235	59	
	10	49.22	1			51.86			22.7	Tr.	223	34	
6229	9	51.23	5	9	0	51.77	20	43	12.0	Mer.	234	14	
	11	51.24	5			52.01			11.2	Tr.	257	23	
6230	9	49.21	1	9	0	54.97	41	24	20.4	Tr.	222	36	
6231	9	51.28	5	9	0	56.02	23	25	36.2	Tr.	260	11	
6232	10	49.18	1	9	0	59.19	34	11	34.0	Tr.	218	61	
6233	9	49.13	3	9	1	2.41	31	18	48.2	Mu.	226	87	[17] If micrometer reading be assumed as 51.50 instead of 51.10 rev., as recorded, Decl. = 47″.0.
	9	47.23	1			2.58			60.8[17]	Mer.	90	40	
	7.8	47.27	2			2.62			48.4	Mu.	107	16	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
6234	9	51.23	5	9	1	5.13	22	47	40.8	Tr.	254	28	
	9	48.06	1			5.14			42.0	Mer.	220	197	
6235	9	49.18	2	9	1	6.15	33	55	8.4	Mer.	166	65	
6236	7	47.21	4	9	1	7.71	29	28	55.1	Mer.	89	41	
	7	47.10	4			8.09[1]			58.5	Mu.	90	45	[1] Two threads increased 1 sec. each.
6237	8	51.24	5	9	1	11.52	19	9	9.7[2]	Mer.	236	15	[2] Decl. changed three wire intervals north.
6238	9	49.12	2	9	1	11.74	33	4	16.4	Tr.	213	32	
6239	8	49.22	1	9	1	12.06	35	45	15.9	Mu.	238	27	
	9	49.21	2			12.41			12.9	Mer.	168	33	
6240	9	49.12	2	9	1	15.19	32	33	55.7	Mu.	224	66	
6241	11	51.23	5	9	1	20.90	21	27	38.6	Tr.	256	47	
6242	8	49.26	3	9	1	21.34[3]	27	35	46.0	Mer.	174	6	[3] R. A. decreased 1 min. and increased 10 sec.
	8	47.12	1			21.36			44.8	Mu.	94	146	
	7	47.10	1			21.44			47.2	Mer.	84	180	
6243	7	47.12	1	9	1	22.39	27	59	29.0	Mer.	86	57	
	9	47.26	1			22.69			27.8	Mu.	104	17	
6244	8	51.27	4	9	1	25.63[4]	24	21	....	Mu.	275	1	[4] One of five threads rejected; R. A.=$25^{s}.26$.
6245	9	49.22	2	9	1	27.89	38	13	2.5	Tr.	223	35	
6246	7	51.13	5	9	1	27.89	25	15	28.4	Tr.	246	27	
6247	9	49.20	1	9	1	32.33	26	42	8.8	Mu.	234	25	
	9	47.26	3			32.74			7.7	Tr.	105	2	
	8	49.11	1			33.05			10.3	Mu.	222	64	
6248	9	49.13	2	9	1	35.64	31	26	8.6	Mu.	226	88	
	8.9	47.23	1			35.71			4.8	Mer.	90	41	
	7.8	47.27	2			35.73			5.3	Mu.	107	17	
6249	8	49.22	2	9	1	36.19	31	55	58.5	Tr.	225	28	
6250	9	49.20	1	9	1	36.75	27	9	0.7	Mu.	234	24	
6251	8	49.18	1	9	1	37.84	33	31	17.3	Mer.	166	66	
6252	9	48.06	2	9	1	39.32	22	43	22.2	Mer.	220	198	
	10	51.23	5			39.49			15.1	Tr.	254	29	
6253	9.10	47.26	1	9	1	46.57	27	52	56.5	Mu.	104	18	
	7.8	47.12	1			47.31			59.0	Mer.	86	58	
	8	47.10	1			47.42			58.5[5]	Mer.	84	181	[5] Decl. changed one wire interval south.
6254	8	47.21	3	9	1	53.98	29	40	21.9	Mer.	89	42	
6255	8.9	51.23	5	9	1	57.32	21	22	45.9	Mu.	272	8	
	9	51.23	5			57.38			43.0	Tr.	256	48	
	9	51.23	5			57.43			41.8	Tr.	255	24	
6256	8	49.18	2	9	2	0.34[6]	33	39	41.1	Mer.	166	67	[6] One thread decreased one thread interval.
6257	11	51.28	5	9	2	0.86	23	16	54.2	Tr.	260	12	
6258	8	51.13	5	9	2	5.51	25	14	7.9	Tr.	246	28	
6259	10	51.28	5	9	2	9.59	23	7	38.0	Tr.	260	13	
6260	8.9	49.20	2	9	2	11.11	36	45	12.8	Tr.	220	49	
6261	6	48.06	2	9	2	11.91	26	9	48.0	Mu.	157	97	
	6	48.18	4			11.93			46.5	Mer.	224	1	
	4	51.13	5			12.08			50.3[7]	Mer.	228	37	[7] Decl. changed five rev. north.
6262	8	47.12	1	9	2	13.01	27	29	42.6	Mu.	94	147	
	7.8	47.10	1			13.09			35.6	Mer.	84	182	
	7	49.26	1			13.15			44.4[8]	Mer.	174	8	[8] Decl. interchanged with that of Mer. 174, No. 7.
6263	7	51.27	5	9	2	14.01	18	48	57.8	Tr.	259	10	
6264	9	48.08	3	9	2	15.61	25	49	13.2	Tr.	161	57	
	10	48.24	2			15.78			12.3	Tr.	162	15	
6265	9	47.10	2	9	2	16.54	29	56	25.1[9]	Tr.	104	20	[9] Decl. changed one wire interval south.
	9	47.12	2			16.59			27.1	Mu.	93	16	
6266	7	51.22	5	9	2	20.61	20	19	16.0	Tr.	253	1	
	5	51.23	5			20.73			19.7	Mer.	234	15	
	6	51.24	5			20.88			18.6	Mu.	274	15	
	8	51.19	4			20.99			16.9	Tr.	252	28	
6267	7	51.27	5	9	2	31.63	24	14	16.8	Mu.	275	2	
6268	9.10	49.18	2	9	2	33.71	35	6	49.1	Mu.	233	51	
6269	7	47.12	1	9	2	37.29	28	21	13.8	Mer.	86	59	
	9	49.06	2			37.31			12.6	Mu.	218	1	
6270	9	49.22	2	9	2	38.31	31	50	57.7	Tr.	225	29	
6271	9	47.10	1	9	2	38.58	29	47	36.6	Tr.	104	21	
6272	8	49.26	1	9	2	40.20	27	33	33.5[10]	Mer.	174	7	[10] See note on No. 6262_3.
	7	47.10	1			40.40			33.4	Mer.	84	183	
	8	47.12	1			41.99			34.3	Mu.	94	148	
6273	9	48.06	1	9	2	45.11	22	54	44.2	Mer.	220	199	
6274	8	49.18	1	9	2	45.97	34	44	38.1	Mu.	233	52	
	8	49.18	1			46.01			37.6	Tr.	218	62	
6275	9	49.22	2	9	2	46.91	38	10	44.6	Tr.	223	36	
6276	9.10	47.12	1	9	2	47.13	28	12	47.0	Mer.	86	60	
6277	8.9	49.18	1	9	2	52.33	34	42	29.9	Mu.	233	53	
6278	7	51.19	5	9	2	54.04	21	59	44.7	Mu.	269	1	
6279	9	48.18	1	9	2	55.87[11]	25	24	33.3	Mu.	159	1	[11] R. A. decreased 1 min.
6280	7	51.24	5	9	2	59.55	19	8	2.5	Mer.	236	16	
	7	51.23	5			59.65			4.1	Mu.	271	9	
6281	11	51.23	5	9	3	1.41	21	5	44.5	Tr.	256	49	
6282	9	49.21	2	9	3	5.18	35	19	4.2	Mer.	168	34	
6283	9	51.22	5	9	3	7.50	20	6	59.3[12]	Tr.	253	2	[12] One transit thread rejected; Decl.=50″.0.
	10	51.24	5			7.67			64.5	Mu.	274	16	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
6284	8	47.10	1	9	3	9.37	27	52	45.6	Mer.	84	184	
6285	10	49.22	1	9	3	10.15	35	32	6.8	Mu.	238	28	
6286	8	51.13	5	9	3	10.64	25	11	50.3	Tr.	246	29	
6287	6.7	47.10	4	9	3	11.72	29	12	40.1	Mu.	90	46	
	6.7	47.22	3			11.94			40.6	Mu.	102	65	
6288	8	51.24	5	9	3	14.93	20	48	40.0	Tr.	257	24	
	7	51.23	5			15.00			40.2	Mer.	234	16	
	..	51.19	5			15.18			38.7	Mer.	232	1	
6289	9	49.20	2	9	3	22.94	37	6	39.9	Tr.	220	50	
6290	9	51.23	4	9	3	24.04[1]	19	18	23.3	Mu.	271	10	[1] One of five threads rejected; R. A.=$24^{s}.48$.
6291	9.10	47.12	1	9	3	30.80	28	8	40.7	Mer.	86	61	
6292	7	47.23	5	9	3	34.96	29	45	17.2	Mu.	103	39	
	7	47.10	4			35.05			20.2	Tr.	104	22	
	6	47.21	4			35.20			19.4	Mer.	89	43	
	5	47.12	5			35.21			19.6	Mu.	93	17	
	3.4	47.10	2			35.25			....	Mu.	90	47	
6293	6	48.06	..	9	3	40...	22	34	4.8	Mer.	220	200	
	5	51.23	5			40.37			5.9	Tr.	254	30	
6294	10	49.22	2	9	3	41.18	32	1	31.2	Tr.	225	30	
6295	7	48.18	1	9	3	54.13	25	40	41.9[2]	Mu.	159	2	[2] Decl. changed one rev. north.
	8	48.08	2			54.41			33.9	Tr.	161	58	
	8	48.24	3			54.47			40.3[3]	Tr.	162	16	[3] Decl. changed two wire intervals north.
6296	7	51.23	5	9	3	58.21	22	29	41.8	Tr.	254	31	
6297	7	49.26	1	9	4	4.80	27	34	30.3	Mer.	174	9	
6298	9.10	51.23	5	9	4	5.72	21	7	37.0	Mu.	272	9	
	10	51.23	5			5.78			39.4	Tr.	256	50	
	9	51.23	5			5.84			37.9	Tr.	255	25	
6299	..	51.13	5	9	4	7.15	26	8	22.8	Mer.	228	38	
	6	48.18	3			7.21			25.6	Mer.	224	2	
6300	9	51.27	5	9	4	7.47	18	52	24.3	Tr.	259	11	
6301	9	49.22	2	9	4	18.60	38	8	16.2	Tr.	223	37	
6302	9.10	49.18	2	9	4	21.11	35	18	23.9	Mu.	233	54	
6303	9	49.18	1	9	4	25.11	33	48	27.2	Mer.	166	68	
6304	9	49.12	2	9	4	25.92	32	29	29.8	Mu.	224	67	
6305	10	49.21	1	9	4	33.21	35	23	34.4	Mer.	168	35	
6306	8	46.29	3	9	4	34.21	36	14	6.4	Mu.	8	1	
6307	9	49.20	2	9	4	34.88	26	49	50.9	Mu.	234	26	
	11	47.26	1			35.06			48.3	Tr.	105	3	
6308	10	49.21	1	9	4	35.00	35	23	49.5	Mer.	168	36	
6309	8	49.22	1	9	4	50.01	35	28	10.4	Mu.	238	29	
	10	49.21	1			50.47			8.7	Mer.	168	37	
6310	9	49.18	2	9	4	57.46	34	6	54.6	Tr.	218	63	
	9	49.18	1			57.72			48.2	Mer.	166	69	
6311	8	49.22	1	9	4	59.42	35	29	37.6	Mu.	238	30	
	10	49.21	1			59.45			39.5	Mer.	168	38	
6312	9	51.23	5	9	5	1.87	19	20	54.0	Mu.	271	11	
	10	51.26	5			1.94			46.3	Tr.	258	22	
6313	9	47.26	2	9	5	3...[4]	27	48	57.5	Mu.	104	19	[4] Separate threads give $2^{s}.19$, $3^{s}.27$.
	7.8	47.10	1			3.44			57.3	Mer.	84	185	
	7.8	47.12	1			3.83			60.3	Mu.	94	149	
6314	4	51.24	5	9	5	6.42	19	8	14.9	Mer.	236	18	
	..	51.24	5			6.51			....	Mer.	236	17	
	..	51.24	5			6.51			....	Mer.	236	19	
6315	10	49.21	1	9	5	14.00	35	35	....	Mer.	168	39	
	9	49.22	1			14.05			51.1	Mu.	238	31	
6316	8.9	49.18	3	9	5	22.56	35	8	6.6	Mu.	233	55	
6317	7	47.12	2	9	5	23.53	27	42	13.8	Mu.	94	150	
	7	47.10	1			23.66			16.0	Mer.	84	186	
6318	9	48.24	2	9	5	42.68	25	51	45.9	Tr.	162	17	
	9	48.18	1			42.81			44.7	Mu.	159	3	
6319	9	51.13	5	9	5	49.12	24	59	10.4	Tr.	246	30	
6320	8	47.26	3	9	5	55.55	28	20	2.9	Mu.	104	20	
	6	47.12	3			55.59			4.7	Mer.	86	62	
6321	9	51.27	5	9	5	59.76	18	44	15.7	Tr.	259	12	
6322	9	47.15	2	9	6	1.01	30	57	15.0	Mu.	96	49	
6323	8.9	47.23	3	9	6	2.89[5]	31	17	49.8	Mer.	90	42	[5] One of four threads rejected; R. A.=$1^{s}.86$.
	8.9	47.27	3			3.54			50.3	Mu.	107	18	
6324	8	51.27	5	9	6	9.28	24	27	8.7	Mu.	275	3	
6325	9	49.18	4	9	6	17.03	33	43	5.8	Mer.	166	70	
6326	9	47.21	3	9	6	19.94	30	54	60.7	Mu.	101	23	
	9	47.15	4			20.14			53.5	Mu.	96	50	
	9	47.27	2			20.29			53.5	Tr.	107	1	
6327	9	49.22	1	9	6	23.52	35	35	17.0	Mu.	238	32	
6328	9	49.18	3	9	6	26.75	35	4	6.0	Mu.	233	56	
6329	9	51.13	5	9	6	32.91	26	23	25.1[6]	Mer.	228	39	[6] Decl. changed five rev. north.
6330	8.9	47.27	2	9	6	33.83	31	12	32.6	Mu.	107	19	
6331	7	47.12	4	9	6	36.26	30	27	4.5	Mu.	93	18	
	8	47.15	1			36.68			2.4	Mu.	96	51	
6332	9	49.22	2	9	6	37.90	38	19	36.8	Tr.	223	38	
6333	8.9	47.22	2	9	6	38.01	28	45	44.9	Mu.	102	66	
	9	49.06	3			38.39			43.3	Mu.	218	2	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
6334	5	51.23	5	9	6	41.10	24	0	33.2	Mu.	273	10	
6335	9	47.12	3	9	6	41.50	30	17	7.6	Mu.	93	19	
	9	47.10	2			41.73			11.2	Tr.	104	23	
6336	9	51.24	5	9	6	46.68	19	7	59.3	Mer.	236	20	
6337	10	51.23	5	9	6	48.78	22	46	31.1	Tr.	254	32	
6338	10	51.24	5	9	6	55.22	20	44	53.7	Tr.	257	25	
6339	7	51.24	3	9	6	55.83	19	36	44.7	Mer.	236	21	
	8	51.26	5			55.83			46.4	Tr.	258	23	
	7	51.23	5			55.96			44.8	Mu.	271	12	
6340	10	49.22	2	9	6	55.92	31	41	50.2	Tr.	225	31	
6341	8	49.06	3	9	6	56.48	29	2	54.4	Mu.	218	3	
	6	47.22	2			56.83			54.9	Mu.	102	67	
6342	7	51.27	5	9	7	7.89	24	17	13.4	Mu.	275	4	
6343	8.9	51.23	5	9	7	8.03	21	27	24.7	Mu.	272	10	
	10	51.23	5			8.15			17.3	Tr.	256	51	
	8	51.23	5			8.23			15.0	Tr.	255	27	
6344	7	47.27	1	9	7	13.44	27	41	17.5	Mu.	105	1	
	7	47.12	2			13.49			17.6	Mu.	94	151	
	7	47.10	1			13.75			17.6	Mer.	84	187	
6345	10	49.22	1	9	7	15.89[1]	35	21	35.8	Mu.	238	33	[1] GZ gives $17^{s}.2$.
	10	49.18	1			17.29			39.9	Mu.	233	57	
6346	7	47.10	1	9	7	17.98	27	28	22.3	Mer.	84	188	
	7	47.12	1			18.14			24.2	Mu.	94	152	
	8	49.26	3			18.18			23.9	Mer.	174	10	
6347	9.10	51.23	5	9	7	21.40	21	9	40.7	Mu.	272	11	
	10	51.23	5			21.57			40.9	Tr.	256	52	
	9	51.23	5			21.70			42.7	Tr.	255	26	
6348	9	47.22	1	9	7	25.32	28	50	1.9	Mu.	102	68	
	9	49.06	1			25.60			5.9	Mu.	218	4	
6349	10	47.27	1	9	7	28.35	30	28	50.9	Tr.	107	2	
6350	8	49.22	2	9	7	31.50	37	59	49.7	Tr.	223	39	
6351	9	49.21	3	9	7	32.93	41	24	10.2	Tr.	222	37	
6352	7	47.27	1	9	7	38.35	27	29	57.3	Mu.	105	2	
	8	49.26	2			38.48			55.6	Mer.	174	11	
	7	47.10	2			38.51			53.6	Mer.	84	189	
	7	47.12	2			38.58			56.8	Mu.	94	153	
6353	9	47.10	3	9	7	40.81	29	57	17.1	Tr.	104	24	
6354	9.10	49.20	1	9	7	51.92	35	44	51.9	Tr.	219	15	
	10	49.21	3			51.92			55.0	Mer.	168	40	
6355	9	48.24	2	9	7	57.62	25	21	6.7	Tr.	162	18	
6356	..	47.23	3	9	7	59.02	31	31	20.0	Mer.	90	43	
	9	47.27	1			59.24			17.4	Mu.	107	20	
6357	9	51.28	5	9	7	59.73	23	19	45.7	Tr.	260	14	
6358	9	49.06	1	9	8	2.66	29	11	9.7	Mu.	218	5	
6359	9	49.12	2	9	8	3.45	32	53	52.2	Mu.	224	68	
6360	7	51.19	5	9	8	4.45	21	39	35.4	Mu.	269	2	
6361	7.8	49.22	2	9	8	5.45	31	56	9.9	Tr.	225	32	
6362	6	51.26	5	9	8	9.38	19	30	5.1	Tr.	258	24	
	6	51.24	5			9.41			2.7	Mer.	236	22	
	6	51.23	5			9.53			1.0	Mu.	271	13	
6363	8	49.12	2	9	8	15.54[2]	32	48	18.1	Tr.	213	33	[2] One of three threads rejected; R. A. = $14^{s}.72$.
	9	49.12	3			15.70			14.6	Mu.	224	69	
6364	9.10	47.12	1	9	8	17.73[3]	28	34	21.8	Mer.	86	63	[3] R. A. increased 10 sec.
6365	6	51.27	5	9	8	20.31	18	58	30.8	Tr.	259	13	
6366	7.8	47.10	2	9	8	21.57	29	32	10.4	Mu.	90	48	
	7.8	47.21	4			22.13			28.4	Mer.	89	44	
6367	9	49.20	3	9	8	26.05	37	54	38.5	Mu.	235	60	
	10	49.22	2			26.09			32.6	Tr.	223	40	
6368	10	49.18	2	9	8	28.70	34	16	22.2	Tr.	218	64	
6369	10	51.23	5	9	8	38.52	23	54	30.1	Mu.	273	11	
6370	9.10	49.20	2	9	8	39.00	37	5	31.5	Tr.	220	51	
6371	9.8	47.10	1	9	8	40.46	29	44	48.2	Mu.	90	49	
	6.7	47.21	1			40.49			49.9[4]	Mer.	89	45	[4] Decl. changed one rev. south.
	8	47.12	3			40.73			48.5	Mu.	93	20	
	8	47.10	3			40.86			47.0	Tr.	104	25	
6372	8.9	49.18	4	9	8	42.10	35	20	27.7	Mu.	233	58	
	5.6	49.22	2			42.21			28.7	Mu.	238	34	
	7	49.21	3			42.44			26.7	Mer.	168	41	
	7.8	49.20	1			42.64			29.5	Tr.	219	16	
6373	10	51.26	5	9	8	44.05	19	30	21.9	Tr.	258	25	
	8	51.24	5			44.07			11.5	Mer.	236	23	
	8	51.23	5			44.13			18.1	Mu.	271	14	
6374	9	49.26	2	9	8	51.64	27	21	59.5	Mer.	174	12	
6375	8	49.21	2	9	8	52.50	41	16	19.8	Tr.	222	38	
6376	6.7	49.20	1	9	8	58.49	36	58	53.2	Tr.	220	52	
6377	7	51.24	5	9	9	4.79	20	53	42.2	Tr.	257	26	
	6	51.23	5			4.80			46.6	Mer.	234	17	
	8	51.19	5			4.91			40.3	Mer.	232	2	
6378	9	49.18	1	9	9	16.93	33	44	7.6	Mer.	166	71	
6379	8.9	49.12	3	9	9	20.64[5]	32	42	3.7	Mu.	224	70	[5] One thread decreased 10 sec.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
6380	8	51.19	5	9	9	21.13	20	34	30.7	Tr.	252	29	
	7	51.24	5			21.17			28.6	Tr.	257	27	
	7	51.19	5			21.17			30.7	Mer.	232	3	
	6.7	51.23	5			21.21			31.3	Mer.	234	18	
6381	8.9	47.27	1	9	9	23.26	27	34	57.3	Mu.	105	3	
	9	49.26	2			23.40			55.4	Mer.	174	13	
	7.8	47.10	2			23.70			55.8	Mer.	84	190	
	8	47.12	2			24.04			57.0	Mu.	94	154	
6382	7	49.20	2	9	9	24.63[1]	26	34	22.0	Mu.	234	27	[1] One of three threads rejected; R. A.=$25^{s}.65$.
	7	48.18	6			25.40[2]			22.8	Mer.	224	3	[2] One of seven threads rejected; R. A.=$24^{s}.68$.
	7	51.13	5			25.40			21.9[3]	Mer.	228	40	[3] Decl. changed five rev. north.
	8	47.26	3			25.41			22.1	Tr.	105	4	
6383	9	47.10	1	9	9	26.61	30	22	48.8	Tr.	104	26	
6384	6	51.27	5	9	9	31.13	18	50	1.7	Tr.	259	14	
6385	7	47.23	3	9	9	32.80	31	36	31.4	Mer.	90	44	
	8	47.27	4			32.84			25.3	Mu.	107	21	
	9	49.22	2			32.99			26.7	Tr.	225	33	
6386	6	51.23	5	9	9	34.31	22	30	24.1	Tr.	254	33	
6387	7	47.12	2	9	9	39.51	28	15	49.4	Mer.	86	64	
	8.9	47.26	4			39.78			48.4	Mu.	104	21	
6388	5.6	49.20	3	9	9	42.16[4]	37	56	49.7	Mu.	235	61	[4] One of four threads rejected; R. A.=$41^{s}.38$.
	5	49.22	3			42.31			50.0	Tr.	223	41	
6389	6	49.20	1	9	9	44.99	36	47	19.3	Tr.	220	53	
6390	10	49.18	1	9	9	45.05	34	48	46.4[5]	Mu.	233	59	[5] Decl. changed five rev. south.
6391	8	51.27	5	9	9	50.75	24	40	43.6	Mu.	275	5	
6392	5.6	51.23	5	9	10	2.26	21	19	49.8	Mu.	272	12	
	7	51.23	5			2.54			46.4	Tr.	255	28	
6393	8	47.21	2	9	10	7. . .[6]	29	30	19.2	Mer.	89	46	[6] Separate threads give $7^{s}.28$, $8^{s}.25$.
6394	8	51.24	5	9	10	18.60	19	48	10.5	Mer.	236	24	
6395	8	47.12	1	9	10	20.07	27	48	57.3	Mu.	94	155	
	8	47.12	1			20.24			53.7	Mer.	86	65	
	9	47.27	1			20.48			52.9	Mu.	105	4	
	8	47.10	1			20.96			54.7	Mer.	84	191	
6396	9	51.22	4	9	10	28.97[7]	20	36	19.7	Mer.	233	2	[7] One of five threads rejected; R. A.=$29^{s}.46$.
6397	9	47.10	3	9	10	29.76	29	53	5.2	Tr.	104	27	
6398	10	49.22	1	9	10	32.20	38	2	10.9	Tr.	223	42	
6399	7	51.22	5	9	10	32.48	20	42	37.4	Mer.	233	1	
	7	51.19	4			32.62[8]			35.9	Mer.	232	4	[8] One of five threads rejected; R. A.=$33^{s}.03$.
	7	51.23	4			32.85			38.0	Mer.	234	19	
6400	9	51.24	5	9	10	32.68	20	34	4.2	Tr.	257	28[9]	[9] An equatorial comparison with CiZ 1673 gives R. A.=$34^{s}.0$, Decl.=17″.
6401	10	51.23	4	9	10	41.06[10]	23	53	17.3	Mu.	273	12	
6402	9	51.27	5	9	10	43.30	18	55	48.6	Tr.	259	15	[10] One of five threads rejected; R. A.=$41^{s}.74$.
6403	. .	51.13	4	9	10	47.98	26	25	. . . .	Mer.	228	41	
6404	9	51.23	5	9	10	56.49	21	8	7.1	Tr.	256	53	
	9	51.23	5			56.61			9.5	Tr.	255	29	
6405	8	51.23	5	9	11	0.04	22	18	31.3	Tr.	254	34	
6406	11	51.27	5	9	11	1.36	19	0	39.3	Tr.	259	16	
6407	6	46.29	5	9	11	4.73	38	46	27.6	Mu.	5	1	
6408	9	49.22	2	9	11	6.62	32	0	30.2	Tr.	225	34	
6409	8	46.27	3	9	11	6.70	39	29	31.2	Mu.	2	2	
6410	9	49.21	2	9	11	11.86	41	19	47.6	Tr.	222	39	
6411	11	51.27	5	9	11	11.87	18	36	58.0	Tr.	259	17	
6412	9	49.06	3	9	11	13.69	28	47	20.7	Mu.	218	6	
6413	9	47.12	1	9	11	14.12	27	14	14.5	Mu.	94	156	
	8	49.26	3			14.73			15.8	Mer.	174	14	
	8	47.10	1			14.92			17.3	Mer.	84	192	
6414	9	49.06	1	9	11	17.01	28	30	30.3	Mu.	218	7	
	9.10	47.12	1			17.56			31.4	Mer.	86	66	
6415	8	51.23	5	9	11	19.43	21	21	7.4	Mu.	272	13	
	9	51.23	5			19.71			1.3	Tr.	255	30	
6416	7	51.23	5	9	11	20.19	22	21	17.0	Tr.	254	35	
6417	7	51.19	5	9	11	23.72	22	2	54.7	Mu.	269	3	
6418	9	51.24	5	9	11	27.58	19	44	15.7	Mer.	236	25	
6419	9	49.20	1	9	11	28.61	35	44	45.4	Tr.	219	17	
	9	49.22	1			28.71			46.9	Mu.	238	35	
	9	49.21	3			28.97[11]			43.6	Mer.	168	42	[11] One of four threads rejected; R. A.=$28^{s}.06$.
6420	7	51.24	5	9	11	31.92	19	44	30.1	Mer.	236	26	
	7	51.23	5			32.19			26.9	Mu.	271	15	
6421	9	47.26	2	9	11	34.60	26	39	13.5	Tr.	105	5	
	7	49.20	2			34.91[12]			14.8	Mu.	234	28	[12] Separate threads give $34^{s}.55$, $35^{s}.26$.
	9	49.26	5			34.94[13]			11.9	Mu.	245	1	[13] One thread decreased 10 sec.
6422	11	49.20	1	9	11	35.83[14]	37	23	20.4	Mu.	235	62	[14] R. A. increased one thread interval.
6423	10	47.18	2	9	11	39. . .[15]	30	46	. . . .	Mer.	87	25	[15] Separate threads give $39^{s}.61$, $37^{s}.48$. AW gives $39^{s}.6$.
	9	47.27	4			39.61			34.0	Tr.	107	3	
6424	8	49.18	3	9	11	40.21	35	3	48.3	Mu.	233	60	
6425	9	51.22	4	9	11	41.05[16]	20	58	38.5	Mer.	233	3	[16] One of five threads rejected; R. A.=$41^{s}.42$.
	8	51.19	4			41.26			41.0	Mer.	232	5	
	9	51.23	5			41.34			39.2	Mer.	234	20	
6426	9	49.18	2	9	11	45.82	34	44	1.9	Tr.	218	65	
	9	49.18	2			45.97			1.3	Mu.	233	61	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
6427	8.9	49.20	2	9	11	57.32	36	46	21.0	Tr.	220	54	
6428	9.10	49.12	1	9	11	58.92	32	23	59.5	Mu.	224	71	
6429	9	49.22	2	9	11	59.70	31	56	20.6	Tr.	225	35	
6430	9	49.06	2	9	12	1.80	28	46	48.4	Mu.	218	8	
6431	8	51.22	5	9	12	4.06	20	9	37.1	Tr.	253	3	
	8	51.24	5			4.18			33.7	Mu.	274	17	
6432	10	47.27	1	9	12	5.97	30	42	57.7	Tr.	107	4	
6433	7	51.23	4	9	12	7.30[1]	23	49	41.6	Mu.	273	13	[1] One of five threads rejected; R. A.=$6^{s}.97$.
6434	9.10	47.27	2	9	12	7.33	31	18	31.8	Mu.	107	22	
6435	9	49.06	1	9	12	10.55	28	43	14.3	Mu.	218	9	
6436	9.10	47.12	1	9	12	16.09	28	3	55.5	Mer.	86	67	
6437	10	48.24	2	9	12	16.53[2]	23	6	25.4	Mer.	120	1	[2] R. A. decreased 1 min.
6438	7	51.19	5	9	12	21.18	21	55	27.0	Mu.	269	4	
6439	9	49.18	1	9	12	21.73	35	6	7.2	Mu.	233	62	
6440	9	49.12	3	9	12	25.55	32	59	7.6	Tr.	213	34	
6441	9	49.22	1	9	12	25.74	35	21	19.2	Mu.	238	36	
	9.10	49.20	1			26.07			22.7	Tr.	219	18	
	9	49.21	3			26.12			19.5	Mer.	168	43	
6442	9	48.18	1	9	12	29.11[3]	25	38	9.4	Mu.	159	4	[3] R. A. increased 1 min. and one thread interval.
	9	48.24	3			29.12			11.5	Tr.	162	19	
6443	7	49.18	4	9	12	31.17	33	27	59.4	Mer.	166	72	
6444	9	51.23	5	9	12	35.56	22	46	23.9	Tr.	254	36	
6445	8	49.22	2	9	12	37.29	38	24	53.0	Tr.	223	43	
6446	9	47.27	1	9	12	39.62	27	30	35.1	Mu.	105	5	
	8	47.10	1			39.85			37.8	Mer.	84	193	
	9	47.12	1			40.47			36.5	Mu.	94	157	
6447	10.9	49.20	2	9	12	44.56	36	46	43.8	Tr.	220	55	
6448	10	49.12	1	9	12	53.06	32	29	34.0	Mu.	224	72	
6449	7	47.23	3	9	13	0.42[4]	31	35	32.9	Mer.	90	45	[4] R. A. increased 10 sec.
	9	47.27	2			0.53			30.8	Mu.	107	23	
6450	6	51.23	5	9	13	12.80	22	19	38.9	Tr.	254	37	
6451	9	47.10	1	9	13	13.50	30	8	54.4	Tr.	104	28	
6452	9	49.12	1	9	13	18.16	32	18	3.0	Mu.	224	73	
6453	10	49.22	1	9	13	21.59	38	14	1.2	Tr.	223	44	
6454	6	51.27	5	9	13	24.45	24	37	9.1	Mu.	275	6	
6455	7	47.12	1	9	13	25.14	27	8	33.9[5]	Mu.	94	158	[5] If micrometer reading be assumed as 54.410 instead of 54.510 rev., as recorded, Decl.= 40″.2.
	8	47.27	1			25.64			40.3	Mu.	105	6	
	9	49.20	2			25.65			39.9	Mu.	234	29	
	8	49.26	2			25.68			37.7	Mer.	174	15	
	10	47.26	2			25.70			41.6	Tr.	105	6	
6456	11	51.27	5	9	13	25.53	18	52	25.8	Tr.	259	18	
	11	51.27	5			25.54			26.0	Tr.	259	19	
6457	8	51.22	5	9	13	26.49	20	43	36.6	Mer.	233	4	
	9	51.19	4			26.65[6]			37.4	Mer.	232	6	[6] One of five threads rejected; R. A.=$26^{s}.23$.
	8	51.23	5			26.61			37.8	Mer.	234	21	
6458	10	49.26	2	9	13	26.58	27	8	41.6	Mer.	174	16	
6459	8	49.26	1	9	13	27.36	26	57	41.6	Mer.	174	17	
	8	49.20	1			27.47			38.5	Mu.	234	30	
6460	11	49.18	2	9	13	28.71	34	13	56.1	Tr.	218	66	
6461	. .	48.18	4	9	13	28.99	26	5	25.4	Mer.	224	4	
	9	49.26	2			29.04[7]			20.9	Mu.	245	2	[7] Separate threads give $29^{s}.41$, $28^{s}.68$.
6462	9	51.23	5	9	13	31.32	22	50	46.6	Tr.	254	38	
6463	8	48.18	3	9	13	31.56	26	13	14.8	Mer.	224	5	
	8.9	49.26	2			31.87			12.6	Mu.	245	3	
	9	48.24	1			32.06			13.3	Mu.	161	1	
6464	10	47.27	1	9	13	32.65	31	3	42.6	Tr.	107	5	
6465	7.8	49.12	3	9	13	34.92	33	28	19.0	Tr.	213	35	
	5	49.18	4			34.97			13.3	Mer.	166	73	
6466	9	49.20	2	9	13	38.04	37	30	53.5	Mu.	235	63	
6467	9	51.23	4	9	13	40.95[8]	19	38	. . . .	Mu.	271	16	[8] One of five threads rejected; R. A.=$41^{s}.67$.
	10	51.24	5			40.97			55.5	Mer.	236	27	
6468	9	49.06	1	9	13	43.24	28	37	31.4	Mu.	218	10	
6469	9	49.22	2	9	13	44.99	32	2	51.4	Tr.	225	36	
6470	8	49.18	4	9	13	49.46[9]	34	52	4.8	Mu.	233	63	[9] R. A. decreased 1 min.
6471	9	49.21	2	9	13	50.88[10]	41	9	32.7[11]	Tr.	222	40	[10] One of three threads rejected: R. A.=$50^{s}.00$.
6472	9	49.22	1	9	13	54.81	32	3	43.2	Tr.	225	37	[11] Decl. changed one wire interval north.
6473	8.9	49.06	1	9	13	56.32	28	29	32.0	Mu.	218	11	
	6	47.12	1			56.87			31.4	Mer.	86	68	
	9	47.26	3			57.36			33.3	Mu.	104	22	
6474	8	47.23	4	9	13	58.83	31	25	16.7	Mer.	90	46	
	8	47.27	3			58.95			16.5	Mu.	107	24	
6475	8	49.22	2	9	14	0.81	35	55	58.5	Mu.	238	37	
	9	49.20	2			0.95			53.1	Tr.	219	19	
	8	49.21	3			1.02			49.9	Mer.	168	44	
6476	7	51.23	5	9	14	3.31	20	20	45.7	Mer.	234	22	
	7	51.22	4			3.34			44.2	Mer.	233	5	
	8	51.19	5			3.34			46.2	Mer.	232	7	
	8	51.22	5			3.40			48.7	Tr.	253	4	
	8	51.19	5			3.47			45.1	Tr.	252	30	
	7	51.24	5			3.50			47.0	Mu.	274	18	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
6477	9	48.24	2	9	14	6.97 [1]	23	27	50.0	Mer.	120	2	[1] R. A. decreased one thread interval.
6478	9	47.10	2	9	14	7. . . [2]	29	16	37.1 [3]	Mu.	90	50	[2] Separate threads give $7^{s}.43$, $8^{s}.23$. AW and GZ give $7^{s}.3$.
	8	47.21	4			7.33			33.9	Mer.	89	47	
6479	8	46.29	1	9	14	9.15	36	19	19.8	Mu.	8	2	[3] Decl. changed five rev. south.
6480	7	47.12	1	9	14	13.02	28	35	11.0	Mer.	86	70	
	8.9	49.06	1			13.57			7.0	Mu.	218	12	
6481	9	47.26	3	9	14	17.77	28	10	11.0	Mu.	104	23	
	8	47.12	1			18.01			8.4	Mer.	86	69	
6482	9.10	47.12	2	9	14	21.13 [4]	30	4	58.7	Mu.	93	21	[4] One of three threads rejected; R. A.=$19^{s}.53$.
	9	47.29	1			21.26			58.6	Tr.	109	1	
	9	47.10	2			21.86			57.6	Tr.	104	29	
6483	9	49.20	1	9	14	22.36	36	42	25.2	Tr.	220	57	
6484	6	47.27	2	9	14	23.21	31	7	34.0	Mu.	107	25	
	3	47.27	1			23.54			36.7	Tr.	107	6	
6485	10	49.20	2	9	14	25.05	37	13	39.5	Mu.	235	64	
6486	7	49.20	2	9	14	28.34	36	56	52.7	Tr.	220	56	
6487	8	51.27	5	9	14	43.33	24	10	39.9	Mu.	275	7	
6488	10	46.29	5	9	14	44.14 [5]	44	32	24.5	Mer.	5	1	[5] R. A. decreased 1 min.
6489	6	48.24	3	9	14	51.21	25	19	50.3	Tr.	162	20	
	5.6	49.26	3			51.28			50.6	Tr.	230	1	
	6	48.23	1			51.74			44.0	Mu.	160	1	
6490	9	49.20	1	9	14	57.61	27	10	21.0	Mu.	234	31	
	9	47.26	2			57.68			19.4	Tr.	105	7	
	8	49.26	3			57.84			17.6	Mer.	174	18	
	8	47.12	1			57.89			18.4	Mu.	94	159	
	7	47.27	3			57.89			19.5	Mu.	105	7	
6491	8	49.18	3	9	15	1.14	34	43	18.0 [6]	Tr.	218	67	[6] Decl. changed one wire interval south.
	8	49.18	3			1.48			18.6	Mu.	233	64	
6492	8	47.12	5	9	15	1.73	30	10	. . . .	Mu.	93	22	
	8	47.10	4			1.75			14.0 [7]	Tr.	104	30	[7] Decl. changed one rev. north.
6493	9	51.22	5	9	15	4.24	20	4	38.2	Tr.	253	5	
	9	51.24	5			4.30			38.5	Mu.	274	19	
6494	9	48.23	1	9	15	6.78	25	32	47.6	Mu.	160	2	
	8	48.18	1			6.84 [8]			43.8	Mu.	159	5	[8] R. A. increased one thread interval.
6495	6	51.23	5	9	15	9.28	23	29	42.7	Mu.	273	14	
	9	48.24	1			9.34			46.8	Mer.	120	3	
6496	7	49.18	4	9	15	18.11	33	42	1.4	Mer.	166	74	
6497	8	47.12	1	9	15	18.69	28	5	36.2	Mer.	86	71	
6498	9	51.23	5	9	15	20.40	20	53	58.9 [9]	Mer.	234	23	[9] Decl. changed five rev. south.
6499	9	51.23	5	9	15	35.03	22	41	9.6	Tr.	254	39	
6500	10	46.29	2	9	15	37.89	39	3	35.4	Mu.	5	2	
6501	9	51.22	5	9	15	41.41	20	32	10.1	Mer.	233	6	
	10	51.24	5			41.59			11.2	Tr.	257	29	
6502	8	51.19	5	9	15	43.32	21	52	52.1	Mu.	269	5	
6503	8	47.27	2	9	15	49.11	31	9	41.0	Mu.	107	26	
6504	6.7	49.21	2	9	16	5.50 [10]	41	33	17.5	Tr.	222	41	[10] One of three threads rejected; R. A.=$6^{s}.33$.
6505	8	49.12	3	9	16	6.80	33	21	57.0	Tr.	213	36	
6506	. .	47.23	1	9	16	7.42	31	31	23.9	Mer.	90	47	
6507	8	51.22	5	9	16	7.65	20	21	39.0	Mer.	233	7	
	8	51.22	5			7.65			42.3	Tr.	253	6	
	8	51.23	5			7.66			40.5	Mer.	234	25	
	9	51.19	5			7.84			38.7	Tr.	252	31	
	8	51.24	5			7.88			40.2	Mu.	274	20	
6508	8	49.18	1	9	16	10.81	34	20	20.5	Tr.	218	68	
6509	7	51.23	4	9	16	13.92 [11]	21	17	57.5	Mu.	272	14	[11] One of five threads rejected; R. A.=$13^{s}.25$.
	6	51.23	5			14.18			54.5	Tr.	255	31	
6510	9	49.22	2	9	16	14.52	31	58	22.2	Tr.	225	38	
6511	9	48.18	1	9	16	21.40 [12]	26	32	1.7	Mer.	224	6	[12] R. A. increased 1 min.
6512	8.9	47.12	1	9	16	21.58	29	53	8.2	Mu.	93	23	
	8.9	47.29	2			21.75			8.5	Tr.	109	2	
	9	47.10	3			22.09			6.3	Tr.	104	31	
	8	47.21	2			22.58 [13]			9.1	Mer.	89	48	[13] One of three threads rejected; R. A.=$21^{s}.81$.
6513	9	51.27	5	9	16	21.77	18	47	16.1	Tr.	259	20	
6514	4	51.23	5	9	16	22.59	20	23	56.6 [14]	Mer.	234	24	[14] Decl. changed one rev. south.
	10	51.19	5			22.61			55.3	Mer.	232	8	
	7	51.22	5			22.66			57.2 [15]	Mer.	233	8	[15] Decl. changed one rev. south.
	6	51.19	5			22.74			55.0	Tr.	252	32	
	6	51.24	5			22.81			56.0	Mu.	274	21	
6515	8	48.24	2	9	16	24. . . [16]	26	32	11.8	Mu.	161	2	[16] Separate threads give $24^{s}.98$, $24^{s}.14$.
	9	49.20	1			24.91			9.4	Mu.	234	32	
	7	48.18	3			25.04			14.5	Mer.	224	7	
	8.9	49.26	5			25.07			12.0	Mu.	245	4	
	9	47.26	2			25.08			15.0	Tr.	105	8	
6516	9	51.19	4	9	16	32.85 [17]	21	35	18.7	Mu.	269	6	[17] One of five threads rejected; R. A.=$33^{s}.33$.
6517	9	49.20	2	9	16	34.21	37	49	26.6	Mu.	235	65	
	10	49.22	2			34.45			32.3	Tr.	223	45	
6518	9	49.06	2	9	16	35.95	28	38	31.5	Mu.	218	13	
6519	7	47.27	1	9	16	40.15	27	58	37.5	Mu.	105	8	
6520	8	49.18	4	9	16	40.94	34	52	46.0	Mu.	233	65	
6521	5.6	47.12	1	9	16	42.83	28	11	43.0	Mer.	86	72	
	7	47.26	7			42.86			40.8	Mu.	104	24	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
6522	8	49.18	2	9	16	42.90	34	14	1.9	Mer.	166	75	
	8	49.18	1			42.96			6.1	Tr.	218	69	
6523	9	46.29	1	9	16	42.96	39	8	19.6	Mu.	5	3	
6524	7	51.23	5	9	16	43.14	21	10	53.9	Mu.	272	15	
	8	51.23	5			43.23			54.1	Tr.	256	54	
	7	51.23	5			43.38			52.6	Tr.	255	32	
6525	9	48.23	1	9	16	44.08	25	31	33.2	Mu.	160	3	
	9	48.24	3			44.25			32.2	Tr.	162	21	
	9	48.18	1			44.71			34.2	Mu.	159	6	
6526	9	47.21	1	9	16	47.47[1]	29	50	55.3	Mer.	89	49	[1] R. A. increased 1 min.
	9	47.29	2			47.55			54.5	Tr.	109	3	
	8.9	47.12	1			47.62			53.2	Mu.	93	24	
	9	47.10	2			47.78			53.3	Tr.	104	32	
6527	8.9	47.12	1	9	16	49.49	28	28	8.9	Mer.	86	73	
	9	49.06	2			49.49			7.2	Mu.	218	14	
6528	9	49.06	1	9	17	0.11	28	26	10.3	Mu.	218	15	
6529	6	51.28	5	9	17	3.65	23	1	1.0	Tr.	260	15	
6530	8	51.23	5	9	17	12.72	23	59	10.2	Mu.	273	15	
6531	7	49.26	2	9	17	12.75	27	13	58.7[2]	Mer.	174	19	[2] Decl. changed two wire intervals south.
6532	9	49.20	1	9	17	21.94	37	41	1.9	Mu.	235	66	
6533	8	49.12	4	9	17	22.14	32	33	34.3	Mu.	224	74	
6534	9	51.24	5	9	17	26.24	19	29	21.4	Mer.	236	28	
6535	10	49.12	2	9	17	30.69	33	11	37.4	Tr.	213	37	
6536	10	49.22	2	9	17	35.25	37	56	6.0[3]	Tr.	223	46	[3] Decl. changed two rev. south.
6537	9	48.23	2	9	17	37.05	22	15	4.3[4]	Mer.	119	1	[4] Decl. changed one wire interval south.
6538	8	49.18	1	9	17	38.61	34	36	18.4	Tr.	218	70	
	8	46.30	5			38.69			21.4	Tr.	13	1	
6539	9	49.21	3	9	17	41.59	36	1	22.3	Mer.	168	45	
	9	49.22	2			42.31			30.2	Mu.	238	38	
6540	10	51.27	5	9	17	42.83	18	56	43.9	Tr.	259	21	
6541	7	49.20	4	9	17	43.18	37	6	59.8	Tr.	220	58	
6542	9	49.22	2	9	17	46.68	32	11	60.1	Tr.	225	39	
	9.10	49.12	1			46.69			58.2	Mu.	224	75	
6543	9	49.26	2	9	17	48.26	24	46	14.9	Tr.	230	2	
6544	9	49.21	2	9	17	50.14	40	56	2.3	Tr.	222	42	
6545	9	47.10	1	9	17	50.87	29	46	....[5]	Tr.	104	33	[5] Decl. changed ten rev. north.
6546	8	47.12	1	9	17	52.30	28	32	14.1	Mer.	86	74	
	8.9	49.06	2			52.53			14.3	Mu.	218	16	
6547	8	49.26	2	9	17	58.97	27	21	38.6	Mer.	174	20	
	7.8	47.27	1			59.31			39.8	Mu.	105	9	
	8	47.10	1			59.51			34.0	Mer.	84	194	
6548	8.9	49.06	1	9	18	2.17	28	25	29.9	Mu.	218	17	
	8.9	47.12	1			2.26			26.6	Mer.	86	75	
6549	7	51.28	5	9	18	4.15	23	10	52.2	Tr.	260	16	
	9	48.24	4			4.24			52.8	Mer.	120	4	
6550	9	49.12	2	9	18	10.11	33	2	6.8	Tr.	213	38	
6551	6	46.29	2	9	18	19.16	38	46	54.0	Mu.	5	4	
6552	9	51.22	5	9	18	24.22	20	7	39.3	Tr.	253	7	
	9	51.24	5			24.35			40.4	Mu.	274	22	
6553	8	47.27	1	9	18	25.97	27	25	23.7	Mu.	105	10	
	8	47.10	2			26.11			29.2[6]	Mer.	84	195	[6] Micrometer reading doubtful.
	8	49.26	1			26.30			19.8	Mer.	174	21	
6554	8	51.22	5	9	18	31.32	20	27	34.0	Mer.	233	9	
	9	51.23	5			31.33			31.6	Mer.	234	26	
	7	51.19	4			31.35[7]			37.9[8]	Mer.	232	9	[7] One of five threads rejected; R. A.=32ˢ.20.
	7	51.19	5			31.42			....	Mer.	232	10	[8] Decl. changed two wire intervals north.
	9	51.24	5			31.60			30.3	Tr.	257	30	
6555	10	51.23	5	9	18	33.40	24	0	0.7	Mu.	273	16	
6556	10	49.26	2	9	18	44.28	24	57	47.5	Tr.	230	3	
6557	7	47.12	1	9	18	47.61	28	20	4.2	Mer.	86	76	
	9	47.26	3			47.80[9]			3.4	Mu.	104	25	[9] One of four threads rejected; R. A.=46ˢ.95.
6558	8	46.29	1	9	18	48.03	36	13	48.4	Mu.	8	3[10]	[10] Unidentified. Looked for with equatorial but not found. Follows CPD —36°3575 mag. 10.8, by 21 sec., at same Decl. CoD gives mag. 10.
6559	9	49.20	1	9	18	48.26	26	52	52.2	Mu.	234	33	
6560	8.9	49.18	3	9	18	51.49	35	15	39.6	Mu.	233	66	
6561	4	51.27	5	9	18	55.86	24	41	30.3	Mu.	275	8	
	6	49.26	2			55.90			30.6	Tr.	230	4	
6562	9	48.23	2	9	18	58.24[11]	22	9	58.7	Mer.	119	2	[11] One of three threads rejected; R. A.=57ˢ.07.
6563	6	51.24	5	9	19	2.21	20	6	53.2	Mu.	274	23	
	7	51.22	3			2.23			53.5	Tr.	253	8	
	8	51.19	5			2.29			58.0	Tr.	252	33	
6564	9	47.10	2	9	19	3.98	29	53	17.2	Tr.	104	34	
6565	9	49.20	2	9	19	4.81	37	26	5.4	Mu.	235	67	
6566	9	49.18	2	9	19	9.23	35	17	33.7	Mu.	233	67	
6567	9	47.10	2	9	19	9.63	29	50	28.0[12]	Tr.	104	35	[12] Decl. changed three wire intervals north.
6568	8	49.21	3	9	19	9.86	35	44	40.5[13]	Mer.	168	46	[13] Decl. changed two rev. north.
	7	49.22	2			10.71			45.1	Mu.	238	39	
6569	9	47.27	3	9	19	10.49	31	36	47.7	Mu.	107	27	
	..	47.23	1			10.54[14]			47.3	Mer.	90	49	[14] R. A. decreased one thread interval.
	..	47.23	1			10.81			47.4	Mer.	90	48	
	9	49.22	2			10.63			48.4	Tr.	225	40	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
6570	9	49.06	1	9	19	11.52	28	41	18.2	Mu.	218	18	
6571	9	49.06	1	9	19	14.79	28	40	....	Mu.	218	19	
6572	7	51.24	5	9	19	15.11	19	26	46.5	Mer.	236	29	
	7	51.23	5			15.23			47.1	Mu.	271	17	
	8	51.26	5			15.27			45.6	Tr.	258	26	
6573	7	51.23	5	9	19	16.39	21	28	19.0	Tr.	255	33	
6574	9	49.21	2	9	19	21.25	41	36	27.3	Tr.	222	43	
6575	9	49.12	3	9	19	25.65	32	31	41.2	Mu.	224	76	
6576	7	49.18	3	9	19	26.77	33	40	37.7	Mer.	166	76	
6577	9	47.23	1	9	19	29.70	31	32	20.6 [1]	Mer.	90	50	[1] Decl. changed one rev. north.
	9	47.27	3			29.88			23.6	Mu.	107	28	
6578	9	47.18	4	9	19	34.81	30	43	....	Mer.	87	26	
	8	47.27	3			34.90			18.9	Tr.	107	7	
6579	8	49.22	1	9	19	35.24 [2]	31	47	29.8	Tr.	225	41	[2] R. A. decreased 10 sec.
6580	7	51.27	5	9	19	37.77	24	27	28.6	Mu.	275	9	
6581	8	51.22	5	9	19	42.02	20	4	30.0	Tr.	253	9	
6582	9	47.10	5	9	19	42.46	29	23	16.0	Mu.	90	51	
	8	47.21	3			42.68			15.8	Mer.	89	50	
6583	8	49.22	1	9	19	43.66	35	42	22.2	Mu.	238	40	
6584	7	49.21	2	9	19	52.70	35	19	16.8	Mer.	168	47	
	8.9	49.18	3			52.97			18.8	Mu.	233	68	
6585	8.9	48.24	4	9	19	55.20	23	31	16.9	Mer.	120	5	
	5	51.23	5			55.20			13.0	Mu.	273	17	
6586	9	51.23	5	9	19	56.38	22	18	56.1	Tr	254	40	
6587	9	49.12	2	9	19	58.98	32	41	23.9	Mu.	224	77	
6588	..	48.18	1	9	20	0.30	25	55	47.2	Mu.	159	7	
	10	48.24	3			1.08			41.9	Tr.	162	22	
	10	48.23	1			1.16			45.9 [3]	Mu.	160	4	[3] Decl. changed one rev. north.
	9.10	49.26	2			1.37 [4]			44.2	Mu.	245	5	[4] R. A. decreased 10 sec. One of three threads rejected; R. A.=$0^{s}.52$.
6589	9.10	47.27	1	9	20	1.01	30	58	38.4	Mu.	107	29	
6590	8	51.24	5	9	20	2.88	19	1	56.4	Mer.	236	30	
6591	9	48.18	4	9	20	6.16	26	14	39.0	Mer.	224	8	
6592	7	47.27	1	9	20	6.22	27	43	36.2	Mu.	105	11	
	8	47.10	1			6.51			36.9	Mer.	84	196	
6593	8	51.19	5	9	20	6.46	20	48	37.9	Mer.	232	11	
	9	51.23	4			6.46 [5]			32.4	Mer.	234	27	[5] One of five threads rejected; R. A.=$6^{s}.97$.
	9	51.24	5			6.53			34.4	Tr.	257	31	
	8	51.22	5			6.53			33.5	Mer.	233	10	
6594	8	51.23	5	9	20	6.50	21	19	23.6	Tr.	255	34	
	9	51.23	5			6.59			29.3	Mu.	272	16	
6595	5	47.12	2	9	20	12.68	28	8	21.9	Mer.	86	77	
	7.8	47.26	4			12.78			20.0	Mu.	104	26	
6596	8	49.12	2	9	20	19.02	33	14	55.0	Tr.	213	39	
6597	9	49.18	2	9	20	20.82	34	30	57.0	Tr.	218	71	
6598	9	49.18	2	9	20	22.26	33	56	2.2	Mer.	166	77	
6599	6	51.19	5	9	20	26.66	21	41	15.4	Mu.	269	7	
6600	9	47.10	1	9	20	30.27	30	19	53.9	Tr.	104	36	
6601	8	51.22	5	9	20	33.71	20	7	42.3	Tr.	253	10	
	8	51.24	5			33.77			42.3	Mu.	274	24	
	9	51.19	5			33.95			44.9	Tr.	252	34	
6602	7.8	46.29	6	9	20	34.11	39	51	14.7	Mer.	7	1	
6603	8	49.21	2	9	20	37.51	41	36	9.0	Tr.	222	44	
6604	9	49.18	2	9	20	40.41	35	21	17.3	Mu.	233	69	
	8	49.21	1			40.42			17.2	Mer.	168	48	
	8	49.22	1			40.52			18.5	Mu.	238	41	
6605	10	49.26	2	9	20	46.95	24	45	57.6	Tr.	230	5	
6606	9	48.18	2	9	20	52.59	26	28	38.4	Mer.	224	9	
6607	8	47.27	1	9	20	54.22	27	44	46.4	Mu.	105	12	
	8	47.10	1			54.52			46.0	Mer.	84	197	
6608	8	49.12	2	9	20	56.89	33	8	22.8	Tr.	213	40	
6609	7	49.18	1	9	20	59.59	33	28	41.4	Mer.	166	78	
6610	9.10	49.12	1	9.	21	0.17	32	14	4.1	Mu.	224	78	
6611	10	49.22	2	9	21	1.08	31	58	11.8	Tr.	225	42	
6612	9	48.23	1	9	21	3.45 [6]	25	42	34.6	Mu.	160	5	[6] R. A. decreased one thread interval.
	9	48.24	2			3.77			33.2	Tr.	162	23	
6613	7	51.19	4	9	21	3.84 [7]	21	52	49.7	Mu.	269	8	[7] One of five threads rejected; R. A.=$4^{s}.20$.
6614	8	48.18	3	9	21	5.78	26	27	20.9	Mer.	224	10	
	8	48.24	1			5.88			18.6	Mu.	161	3	
	8.9	49.26	3			5.94			17.0	Mu.	245	6	
6615	9	47.21	1	9	21	7.41 [8]	29	14	14.0	Mer.	89	51	[8] R. A. increased one thread interval.
6616	8	47.27	3	9	21	8.57	30	51	20.0	Tr.	107	8	
6617	9	47.12	1	9	21	11.47	28	15	23.2	Mer.	86	78	
6618	6	51.28	5	9	21	11.46	23	1	41.5	Tr.	260	17	
	10	48.24	2			11.53			42.5	Mer.	120	6	
6619	7	49.26	3	9	21	16.54	26	49	24.4	Mer.	174	22	
6620	7	49.22	2	9	21	23.93	35	33	12.3	Mu.	238	42	
	8	49.21	1			24.42			8.2	Mer.	168	49	
6621	9	47.10	1	9	21	24.17	27	47	21.8	Mer.	84	198	
6622	6.7	49.18	2	9	21	24.91	34	21	22.2	Tr.	218	72	
6623	9	51.27	5	9	21	36.77	18	55	38.0	Tr.	259	22	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
6624	8	48.23	1	9	21	45.25[1]	25	38	43.4	Mu.	160	6	[1] R. A. decreased one thread interval.
6625	7	51.23	5	9	21	46.31	23	47	4.9	Mu.	273	18	
6626	8	51.22	5	9	21	48.49	20	8	53.2	Tr.	253	11	
	7	51.24	5			48.56			54.0	Mu.	274	25	
	8	51.19	5			48.63			51.5	Tr.	252	35	
6627	8	47.27	1	9	21	51.13	27	19	11.0	Mu.	105	13	
	8	49.26	2			51.26			10.8	Mer.	174	23	
6628	10	47.27	1	9	21	51.94	30	28	8.8	Tr.	107	9	
6629	7	49.26	3	9	21	56.78	24	46	47.3	Tr.	230	6	
6630	6	49.18	1	9	22	0.21[2]	34	15	8.2	Mer.	166	79	[2] R. A. increased one thread interval.
6631	..	48.18	1	9	22	0.79	25	41	41.6	Mu.	159	8	
	7	48.18	1			0.86			39.3	Mu.	159	9	
6632	8	51.24	5	9	22	4.89	19	46	53.6[3]	Mer.	236	31	[3] Decl. changed one rev. south.
6633	6	51.27	5	9	22	15.85	24	22	28.9	Mu.	275	10	
6634	9.8	49.20	2	9	22	16.02	37	33	50.3	Mu.	235	68	
6635	4	51.24	5	9	22	18.16	20	5	46.0	Mu.	274	26	
	7	51.22	5			18.36			46.9	Tr.	253	12	
	6	51.19	5			18.53			49.1	Tr.	252	36	
6636	7	49.22	1	9	22	19.36	35	31	40.2	Mu.	238	43	
6637	9	49.20	2	9	22	21.93	37	26	20.4	Mu.	235	69	
6638	9	49.26	1	9	22	30.50	24	59	47.1	Tr.	230	7	
6639	8.9	49.18	2	9	22	31.15	34	57	38.6	Mu.	233	70	
6640	9	46.28	4	9	22	31.31	39	26	33.5[4]	Mu.	4	1	[4] Micrometer reading assumed as 34.680 instead of 34.068 rev., as recorded; record uncertain. GZ gives 37″.
6641	9.10	47.27	2	9	22	33.89	31	1	37.8	Mu.	107	30	
6642	9	51.23	5	9	22	34.78	21	25	26.0	Tr.	255	35	
6643	9.10	49.12	2	9	22	37.40	32	23	7.2	Mu.	224	79	
6644	9	51.24	5	9	22	45.18	19	43	45.1	Mer.	236	32	
6645	9.10	49.20	1	9	22	51.89	37	10	55.2	Tr.	220	59	
6646	9	47.10	1	9	22	58.53	27	47	5.4	Mer.	84	199	
6647	7	49.26	1	9	22	59.16	27	4	10.2	Mer.	174	25	
	9	47.26	2			59.40			15.1	Tr.	105	9	
6648	9	49.12	2	9	22	59.84	33	1	0.9	Tr.	213	41	
6649	4	48.18	2	9	23	1.66	25	56	17.2	Mer.	224	11	
	8	48.24	3			1.67			17.9	Tr.	162	24	
	8	49.26	5			2.22			17.2	Mu.	245	7	
	7	48.23	1			2.44			17.9	Mu.	160	7	
6650	5	51.23	5	9	23	1.96	22	41	26.1	Tr.	254	41	
	8	48.23	5			2.16			23.2	Mer.	119	3	
6651	4	49.21	1	9	23	3.10	35	17	46.9	Mer.	168	50	
	3	49.18	3			3.49			47.5	Mu.	233	71	
	4.3	49.22	2			3.60			49.3	Mu.	238	44	
6652	7	49.26	2	9	23	3.70	24	52	17.6	Tr.	230	8	
6653	9	49.22	2	9	23	8.22	38	21	14.4	Tr.	223	47	
6654	7	51.23	5	9	23	10.99	21	29	13.3	Tr.	255	36	
	6	51.23	5			11.09			5.4	Mu.	272	17	
	8	51.23	5			11.09			12.6	Tr.	256	55	
6655	4	48.18	1	9	23	14.82	25	56	4.1	Mer.	224	12	
	4	48.18	1			15.07			3.7	Mu.	159	10	
	6	48.23	1			15.54			6.4	Mu.	160	8	
	7	49.26	2			15.72[5]			2.0	Mu.	245	8	[5] One of three threads rejected; R. A.$=14^{s}.99$.
6656	8	51.23	5	9	23	17.30	23	52	0.4	Mu.	273	20	
6657	9	48.24	1	9	23	18.05	26	35	33.1	Mu.	161	4	
6658	..	51.19	4	9	23	19.42[6]	20	20	68.1[7]	Mer.	232	12	[6] One of five threads rejected; R. A.$=19^{s}.78$.
	8	51.23	5			19.59			50.6	Mer.	234	29	[7] AW gives 52″.
6659	8	51.24	4	9	23	20.55	19	8	48.2	Mer.	236	33	
	8	51.23	5			20.69			46.9	Mu.	271	18	
6660	8.9	49.12	2	9	23	23.20	32	39	21.4[8]	Mu.	224	80	[8] Decl. changed two rev. north.
6661	5	49.26	2	9	23	23.23	27	35	14.5	Mer.	174	24	
	6	47.27	2			23.39			14.8	Mu.	105	14	
	7	47.10	1			23.60			12.9	Mer.	84	200	
6662	10	49.22	1	9	23	24.31	31	46	36.9	Tr.	225	43	
6663	5	51.23	5	9	23	28.74	23	37	10.7	Mu.	273	19	
6664	9	47.26	3	9	23	30.71	27	56	17.1	Mu.	104	27	
	6	47.10	1			31.20			14.2	Mer.	84	201	
	7	47.12	1			31.21[9]			16.5	Mer.	86	79	[9] R. A. increased 1 min.
6665	9	49.18	2	9	23	31.98	34	41	13.9	Tr.	218	73	
6666	7	49.26	1	9	23	33.94[10]	27	1	27.2	Mer.	174	26	[10] R. A. increased 1 min. and decreased one thread interval.
6667	..	51.19	5	9	23	36.58	20	19	21.2	Mer.	232	13	
	8	51.22	5			36.63			23.9	Tr.	253	13	
	7	51.23	5			36.72			23.8	Mer.	234	28	
	7	51.22	5			36.73			21.1	Mer.	233	11	
	8	51.24	5			36.74			21.0	Mu.	274	27	
	8	51.19	5			36.87			22.3	Tr.	252	37	
6668	8	47.27	1	9	23	39.52	27	31	52.8	Mu.	105	15	
6669	7	47.29	3	9	23	40.31	29	29	19.2	Tr.	109	4	
	8	47.21	3			40.32[11]			18.8	Mer.	89	52	[11] One of four threads rejected; R. A.$=42^{s}.59$.
	8	47.10	3			40.39			19.7	Mu.	90	52	
6670	9	46.28	2	9	23	42.82	39	19	0.2	Mu.	4	2	
6671	9	49.21	2	9	23	44.10	41	15	16.5	Tr.	222	45	
6672	8	47.18	4	9	23	56.72	30	53	....	Mer.	87	27	
	7	47.27	3			56.99			40.8	Tr.	107	10	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	'	"				
6673	8	49.26	2	9	23	58.50	24	57	28.8	Tr.	230	9	
6674	8	49.12	2	9	23	59.57	32	44	50.3	Mu.	224	81	
6675	8	51.23	5	9	23	59.68	21	3	40.4	Tr.	256	56	
6676	..	51.19	4	9	24	0.57 [1]	20	21	24.3	Mer.	232	14	[1] One of five threads rejected; R. A.=$0^{s}.97$.
	9	51.23	5			0.61			15.8	Mer.	234	30	
	8	51.22	5			0.72			16.7	Tr.	253	14	
	8	51.22	5			0.90			22.1	Mer.	233	12	
6677	9	48.24	1	9	24	0.63	22	51	10.4	Mer.	120	7	
	9	51.23	5			0.93			14.7	Tr.	254	42	
6678	9	49.26	1	9	24	2.91	26	9	17.2	Mu.	245	9	
6679	..	47.23	2	9	24	4.73	31	27	32.9	Mer.	90	51	
6680	9	47.12	1	9	24	5.72	27	56	48.0	Mer.	86	80	
6681	9	47.29	2	9	24	6.62	29	43	31.0	Tr.	109	5	
	9	47.10	2			6.99			30.3	Tr.	104	37	
	9	47.12	2			7.30			31.9	Mu.	93	25	
6682	8	46.29	2	9	24	6.70	36	25	58.8	Mu.	8	5	
6683	5.6	47.12	1	9	24	6.70	28	6	31.5	Mer.	86	81	
	8	47.26	4			6.80			28.7	Mu.	104	28	
6684	10	49.21	1	9	24	6.93	35	55	16.4	Mer.	168	51	
6685	9	51.28	5	9	24	11.12	22	59	20.2	Tr.	260	18	
6686	6	47.23	1	9	24	20.31	31	13	57.1	Mer.	90	52	
	9	47.27	2			20.74			56.1	Mu.	107	31	
6687	7.8	47.27	3	9	24	20.94	31	13	49.4	Mu.	107	32	
6688	9	51.27	5	9	24	21.90	24	27	19.9	Mu.	275	11	
6689	10	51.24	5	9	24	23.87	20	55	34.0	Tr.	257	32	
6690	10	49.22	2	9	24	28.81	31	54	47.7	Tr.	225	44	
6691	9	49.20	1	9	24	31.55	37	42	12.2	Mu.	235	70	
6692	9	49.21	1	9	24	32.46	35	59	10.7	Mer.	168	52	
	9	49.22	1			32.47			15.1	Mu.	238	45	
6693	6	51.23	5	9	24	34.12	23	41	6.0	Mu.	273	21	
6694	8	51.23	5	9	24	41.54	22	50	48.2	Tr.	254	43	
	9	48.24	2			41.56			47.2	Mer.	120	8	
	9	48.23	2			41.60			46.2	Mer.	119	4	
6695	8	47.10	1	9	24	42.91	27	29	11.3	Mer.	84	202	
	8	47.27	1			42.95			8.9	Mu.	105	16	
6696	10.9	49.20	1	9	24	43.34	37	45	25.1	Mu.	235	71	
6697	9	49.21	1	9	24	43.87	41	30	4.8	Tr.	222	46	
6698	6	46.27	4	9	24	47.42	39	48	42.3	Mu.	2	3	
	4	46.29	7			47.92			38.7	Mer.	7	2	
6699	..	51.23	5	9	24	47.69	20	40	58.1 [2]	Mer.	234	31	[2] Decl. changed three wire intervals north.
	8	51.19	5			47.75			69.6	Mer.	232	15	
	7	51.22	5			47.81			65.3 [3]	Mer.	233	13	[3] Decl. changed one wire interval south.
6700	9	49.18	3	9	24	58.07	35	16	5.2	Mu.	233	72	
6701	9	47.10	1	9	24	59.11	29	51	36.2	Tr.	104	38	
6702	9	51.23	5	9	25	1.53	19	28	12.9	Mu.	271	19	
6703	9	48.23	2	9	25	6.03	22	40	26.4 [4]	Mer.	119	5	[4] Decl. changed one rev. south.
6704	7.8	47.27	3	9	25	7.55	31	12	44.7	Mu.	107	33	
	6	47.23	1			7.92			44.1	Mer.	90	53	
6705	10	49.22	1	9	25	11.90	38	16	32.2	Tr.	223	48	
6706	9	49.12	1	9	25	13.60	32	52	41.7	Mu.	224	82	
	10	49.12	2			13.79			39.4	Tr.	213	42	
6707	6.7	49.18	4	9	25	17.44	35	2	53.7	Mu.	233	73	
6708	9	51.24	5	9	25	17.55	20	2	38.5	Mu.	274	28	
6709	9	49.22	2	9	25	18.01	31	59	24.3	Tr.	225	45	
6710	9	49.26	2	9	25	18... [5]	26	29	1.0	Mu.	245	10	[5] Separate threads give $18^{s}.00$, $18^{s}.97$. Gou gives $18^{s}.8$.
	8	48.24	2			18.87			2.0	Mu.	161	5	
	..	48.18	3			18.88			1.9	Mer.	224	13	
6711	7	49.21	2	9	25	20.70	36	5	26.3	Mer.	168	53	
	7	46.29	1			21.14			27.6	Mu.	8	6	
6712	9	47.27	1	9	25	22.06	31	8	23.0	Tr.	107	11	
	9	47.27	1			22.60			16.2	Mu.	107	34	
6713	4	51.27	5	9	25	22.30	18	44	23.8	Tr.	259	23	
6714	7.8	47.27	1	9	25	23.94	27	33	31.5 [6]	Mu.	105	17	[6] Decl. changed one rev. north.
	7	49.26	1			23.97			31.1	Mer.	174	27	
	8	47.10	1			23.98			33.4	Mer.	84	203	
6715	10	49.26	1	9	25	27.22	24	55	43.9	Tr.	230	10	
6716	9	47.12	1	9	25	32.10	28	23	10.6	Mer.	86	83	
	9	49.06	2			32.32			14.4	Mu.	218	20	
6717	9	49.21	2	9	25	37.18	41	14	43.2	Tr.	222	47	
6718	9.10	47.12	4	9	25	39.64	29	56	42.4	Mu.	93	26	
	10	47.29	1			39.68			43.7	Tr.	109	6	
	9	47.10	2			39.89			46.4	Tr.	104	39	
6719	10	49.26	1	9	25	42.54	26	15	19.8	Mu.	245	11	
	8	48.18	3			42.80			23.8	Mer.	224	14	
	9	48.24	1			43.71			18.6	Mu.	161	6	
6720	9	49.12	1	9	25	44.50	32	46	25.3	Tr.	213	43	
	9	49.12	1			44.81			24.1	Mu.	224	83	
6721	6	47.12	1	9	25	44.54	27	58	7.7	Mer.	86	82	
	8	47.26	4			44.73			7.5	Mu.	104	29	
	5	47.27	1			44.94			9.1	Mu.	105	18	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
6722	9	48.24	2	9	25	50.39	25	45	50.4	Tr.	162	25	
	9	48.23	1			50.63			53.7	Mu.	160	9	
	7	48.18	1			50.80			52.4	Mu.	159	11	
6723	9	49.22	2	9	25	57.93	38	16	39.5	Tr.	225	49	
6724	7.8	47.26	2	9	26	3.17	26	45	6.8	Tr.	105	10	
6725	7	49.22	1	9	26	3.28	35	21	26.4	Mu.	238	46	
	9	49.18	1			3.72			27.3	Mu.	233	74	
6726	7	51.19	5	9	26	5.52	21	51	40.7	Mu.	269	9	
6727	9	48.24	3	9	26	11.42	23	8	29.3	Mer.	120	9	
6728	7	49.26	2	9	26	17.47	27	0	46.7	Mer.	174	28	
	8	47.26	2			17.48			49.8[1]	Tr.	105	11	[1] Decl. changed one wire interval south.
6729	4	51.19	5	9	26	17.93	20	27	15.3	Mer.	232	16	
	4	51.23	5			18.05			14.9	Mer.	234	32	
	4	51.22	5			18.08			16.4[2]	Mer.	233	14	[2] Decl. changed two wire intervals north.
	7	51.19	5			18.22			12.7	Tr.	252	38	
6730	9	51.22	5	9	26	18.23	20	3	12.9	Tr.	253	15	
	9	51.24	5			18.47			15.2	Mu.	274	29	
6731	7	46.29	3	9	26	22.50	39	59	13.1	Mer.	7	3	
6732	6	51.24	5	9	26	23.86	20	43	43.8	Tr.	257	33	
	6	51.22	5			23.89			44.5[3]	Mer.	233	15	[3] Decl. changed one rev. south.
	..	51.23	5			23.96			43.5	Mer.	234	33	
	5	51.19	4			24.04[4]			43.7	Mer.	232	17	[4] One of five threads rejected; R. A. $=23^{s}.54$.
6733	8	49.20	1	9	26	25.07	37	39	12.4	Mu.	235	72	
6734	10	51.28	5	9	26	25.31	23	28	39.7	Tr.	260	19	
6735	9	49.20	2	9	26	35.53	36	33	50.0	Tr.	220	60	
6736	9	49.21	1	9	26	39.32	41	35	20.7	Tr.	222	48	
6737	10	49.22	2	9	26	50.36	31	35	0.2	Tr.	225	46	
6738	10	51.23	5	9	26	50.53	23	55	54.9	Mu.	273	22	
6739	10	49.18	3	9	26	50.65	34	38	15.6	Tr.	218	74	
6740	8	51.24	5	9	26	55.52	19	13	56.2	Mer.	236	34	
	7	51.23	5			55.61			54.6	Mu.	271	20	
	8	51.26	5			55.82			53.0	Tr.	258	27	
6741	6	49.22	1	9	26	57.98	35	44	29.7	Mu.	238	47	
	9	49.21	1			58.09			27.0	Mer.	168	54	
6742	9	49.26	2	9	26	58.83	25	4	46.6	Tr.	230	11	
6743	8	49.22	2	9	27	5.49	38	28	3.1	Tr.	223	50	
	6	46.29	2			5.88			3.4	Mu.	5	5	
6744	7	49.20	1	9	27	14.60	37	58	35.9	Mu.	235	73	
	9	49.22	2			14.63			35.6	Tr.	223	51	
6745	9.10	49.18	2	9	27	21.83	35	1	54.7	Mu.	233	75	
6746	8	47.27	2	9	27	28.95	29	4	24.8	Mer.	91	1	
	9	49.06	2			29.45			24.7	Mu.	218	21	
6747	9	47.12	3	9	27	29.53[5]	30	10	58.0	Mu.	93	27	[5] R. A. decreased 10 sec.
	9	47.10	2			29.74[6]			61.4	Tr.	104	40	[6] One of three threads rejected; R. A. $=28^{s}.74$.
6748	9	49.12	1	9	27	32.14	32	17	16.1	Mu.	224	84	
6749	7	47.23	3	9	27	33.07[7]	31	16	50.3	Mer.	90	54	[7] R. A. decreased one thread interval.
	8	47.27	4			33.34			51.6	Mu.	107	35	
6750	10	51.22	5	9	27	34.52	19	57	9.9	Tr.	253	16	
6751	7	47.23	1	9	27	34.84[8]	31	21	25.5[9]	Mer.	90	55	[8] R. A. increased 1 min. and decreased one thread interval.
	8	47.27	5			35.41			31.3	Mu.	107	36	
6752	8	47.10	1	9	27	36.24	27	53	49.2	Mer.	84	204	[9] Decl. changed one rev. north.
6753	9.10	47.12	1	9	27	36.43[10]	28	33	0.4	Mer.	86	84	[10] R. A. increased 30 sec.
6754	5	51.23	5	9	27	41.70	23	52	18.3	Mu.	273	23	
6755	8	51.19	5	9	27	45.84	20	25	46.7	Mer.	232	18	
	9	51.24	5			45.87			48.5	Tr.	257	34	
	9	51.23	5			45.92			45.7	Mer.	234	34	
	8	51.19	5			46.18			45.2	Tr.	252	39	
6756	6	49.22	2	9	27	49.71[11]	35	28	35.5	Mu.	238	48	[11] One thread increased 10 sec.
	8	49.21	3			50.00			31.8	Mer.	168	55	
6757	8	51.24	5	9	27	50.59	19	32	28.5	Mer.	236	35	
6758	9	48.18	2	9	27	51.30	26	30	41.0	Mer.	224	15	
6759	7	51.27	5	9	27	56.05	24	28	56.4	Mu.	275	12	
6760	10	49.22	2	9	27	56.46	31	54	16.3	Tr.	225	47	
6761	9	49.26	1	9	27	58.04	25	14	41.7	Tr.	230	12	
6762	10	49.12	2	9	28	1.78	33	4	5.6	Tr.	213	44	
6763	..	48.18	1	9	28	3.26	26	24	11.9	Mer.	224	16	
6764	8	46.29	2	9	28	10.09	36	9	57.1	Mu.	8	7	
6765	9	49.20	1	9	28	12.62	37	25	15.4	Mu.	235	74	
6766	9	47.29	1	9	28	14.25	29	25	44.2	Tr.	109	7	
6767	9	47.27	1	9	28	17.20	27	42	40.3	Mu.	105	19	
	8	47.10	1			17.32			42.1	Mer.	84	205	
6768	10	49.20	2	9	28	19.29	36	45	20.6	Tr.	220	61	
6769	10	48.23	2	9	28	19.93	22	22	36.3	Mer.	119	6	
	9	51.23	5			20.18			38.1	Tr.	254	44	
6770	9.10	47.12	1	9	28	21.81	28	12	44.1	Mer.	86	85	
6771	9.10	49.21	2	9	28	22.83	41	7	52.8	Tr.	222	49	
6772	10	51.27	5	9	28	24.25	18	53	30.6	Tr.	259	24	
6773	8.9	48.24	4	9	28	24.84	23	10	46.7	Mer.	120	10	
	7	51.28	5			24.98			42.4	Tr.	260	20	
6774	6	51.19	5	9	28	34.46	22	1	6.5	Mu.	269	10	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
6775	10	51.27	5	9	28	35.18	18	54	54.3	Tr.	259	25	
6776	9	51.23	5	9	28	36.28	22	30	44.6	Tr.	254	45	
6777	6	49.18	7	9	28	37.86	33	41	59.7	Mer.	166	80	
6778	10	49.20	1	9	28	41.29	36	35	38.3	Tr.	220	62	
6779	9	47.27	3	9	28	42.39	30	45	23.3	Tr.	107	12	
	8	47.18	2			42.71			....	Mer.	87	28	
6780	8	51.23	5	9	28	43.45	20	20	6.4	Mer.	234	35	
	8	51.19	4			43.53			7.4[1]	Mer.	232	19	[1] Decl. changed one rev. south.
	10	51.24	5			43.80			5.4	Mu.	274	30	
6781	9	47.10	1	9	28	48.00	30	14	23.4	Tr.	104	41	
6782	9	49.22	2	9	28	49.08	31	45	27.6	Tr.	225	48	
6783	8	51.23	5	9	28	54.39	21	16	51.3	Tr.	256	57	
6784	10	49.20	1	9	28	56.35	37	25	43.9	Mu.	235	75	
6785	7	46.30	4	9	28	57.89[2]	35	9	22.8	Mu.	9	1	[2] One of five threads rejected; R. A. $=58^{s}.65$.
	7	49.18	3			57.91[3]			22.3	Mu.	233	76	[3] One of four threads rejected; R. A. $=57^{s}.00$.
6786	9	47.10	1	9	28	59.89	30	5	48.4	Tr.	104	42	
	9	47.29	1			60.08			51.9	Tr.	109	8	
6787	9	51.22	5	9	29	2.47	19	53	5.9	Tr.	253	17	
6788	10	49.26	1	9	29	2.81	25	12	47.1	Tr.	230	13	
6789	10	49.18	2	9	29	15.86	35	8	52.2	Mu.	233	77	
6790	..	51.24	5	9	29	19.39	19	43	22.5	Mer.	236	36	
6791	7	49.26	1	9	29	19.70	25	14	46.4	Tr.	230	14	
6792	10	49.22	2	9	29	19.74	38	14	1.8	Tr.	223	52	
6793	9.10	49.06	3	9	29	22.02	28	44	31.7	Mu.	218	22	
6794	7	51.23	5	9	29	23.12	21	19	41.0	Tr.	256	58	
6795	9	51.22	5	9	29	24.10	20	13	8.0	Tr.	253	18	
	8	51.19	5			24.27			5.6	Tr.	252	40	
	8	51.24	5			24.27			2.6	Mu.	274	31	
6796	6	49.26	5	9	29	24.19	26	51	10.0	Mer.	174	29	
	8	47.26	4			24.29			8.9	Tr.	105	12	
6797	10	48.23	1	9	29	26.75	25	17	34.0	Mu.	160	10	
	7	48.24	2			27.07			35.9[4]	Tr.	162	26	[4] Decl. changed one rev. south.
	7	49.26	1			27.30			36.6	Tr.	230	15	
	7	48.18	1			27.36			35.2	Mu.	159	12	
6798	..	51.19	5	9	29	27.80	20	47	46.6	Mer.	232	20	
	7	51.24	5			27.92			42.8	Tr.	257	36	
	7	51.24	5			27.94			44.7	Tr.	257	35	
	7	51.22	5			27.94			44.1	Mer.	233	16	
	..	51.23	5			28.13			42.9	Mer.	234	36	
6799	10	46.28	4	9	29	30.24	39	31	54.9	Mu.	4	4	
6800	11	49.18	2	9	29	30.80	33	50	19.9	Mer.	166	81	
6801	8	47.27	3	9	29	34.47	30	33	50.5	Tr.	107	13	
6802	9.10	48.24	2	9	29	42.67	23	33	28.1	Mer.	120	11	
6803	5	51.23	4	9	29	48.64[5]	24	2	7.2	Mu.	273	24	[5] One of five threads rejected; R. A. $=48^{s}.28$.
6804	7	48.18	1	9	29	49.81	26	39	5.6	Mer.	224	17	
	8	48.24	1			49.90			4.7	Mu.	161	7	
	9	49.26	4			50.41			3.3	Mu.	245	12	
6805	9	49.26	1	9	29	51.86	27	25	9.0	Mer.	174	31	
6806	9.10	49.06	1	9	29	53.41	28	38	9.4	Mu.	218	23	
6807	7	49.26	1	9	29	54.03	27	17	33.9	Mer.	174	30	
	7.8	47.10	1			54.03			39.9	Mer.	84	206	
6808	7	49.22	1	9	29	57.43	35	21	52.9	Mu.	238	49	
	9	49.18	1			57.69			50.9	Mu.	233	78	
	8	49.21	3			57.84			50.6	Mer.	168	56	
6809	9	49.12	2	9	30	2.10	32	55	54.5	Mu.	224	85	
	10	49.12	3			2.42[6]			53.9	Tr.	213	45	[6] One thread increased 10 sec.
6810	10	47.29	1	9	30	5.99	29	49	2.4	Tr.	109	9	
6811	7	49.21	4	9	30	9.52	35	37	40.0	Mer.	168	57	
	7	49.22	1			9.77[7]			47.2	Mu.	238	50	[7] R. A. increased two thread intervals.
6812	9	47.27	1	9	30	11.49	31	34	30.8	Mu.	107	37	
	9	49.22	2			11.95			28.8	Tr.	225	49	
6813	8	48.18	3	9	30	11.56	26	11	12.5	Mer.	224	18	
	8.9	49.26	1			11.70			11.2	Mu.	245	13	
6814	9	51.24	5	9	30	12.14	20	43	47.6	Tr.	257	37	
	9	51.23	5			12.15			46.6	Mer.	234	37	
	8	51.19	5			12.17			49.1	Mer.	232	21	
	8	51.22	5			12.18			47.1	Mer.	233	17	
6815	4	51.27	5	9	30	15.73	24	37	38.9	Mu.	275	13	
	6	49.26	1			15.84			39.4	Tr.	230	16	
6816	9	51.27	5	9	30	18.00	24	32	42.6	Mu.	275	14	
6817	9	49.12	1	9	30	19.51[8]	32	39	52.0	Mu.	224	86	[8] R. A. decreased 10 sec.
6818	10	48.23	1	9	30	21.26[9]	25	25	17.1	Mu.	160	11	[9] R. A. decreased one thread interval.
	7	48.18	1			21.52			17.0	Mu.	159	13	
	9	48.24	2			21.71			21.0	Tr.	162	27	
6819	8	47.12	1	9	30	39.40	27	50	41.4	Mer.	86	86	
	8	47.27	1			39.61			42.9	Mu.	105	20	
	8	47.10	1			40.10			41.2	Mer.	84	207	
6820	9.10	49.06	2	9	30	40.62	28	43	61.8	Mu.	218	24	
	9	47.27	..			41...			59.7	Mer.	91	2	
6821	7.8	47.21	2	9	30	41.65[10]	29	32	14.6	Mer.	89	53	[10] One of three threads rejected; R. A. $=42^{s}.38$.
	6	47.29	1			41.70			20.5	Tr.	109	10	
	7.8	47.10	3			41.78			18.9	Mu.	90	53	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
6822	7	47.27	3	9	30	42.61 [1]	31	30	21.6	Mu.	107	38	[1] One of four threads rejected; R. A.=$43^{s}.45$.
	4	47.23	4			43.00 [2]			21.8	Mer.	90	56	[2] One of five threads rejected; R. A.=$42^{s}.04$.
6823	7.8	47.10	3	9	30	46.62	30	17	56.5 [3]	Tr.	104	43	[3] Decl. changed one rev. north.
	7.8	47.12	4			46.88			52.9	Mu.	93	28	
6824	10	48.23	2	9	30	47.66	22	33	45.7	Mer.	119	7	
6825	9	47.23	1	9	30	51.04	31	30	21.7	Mer.	90	57	
	9.10	47.27	1			51.38			....	Mu.	107	39	
6826	9	47.12	1	9	30	52.77	27	57	9.3	Mer.	86	87	
	8	47.10	1			53.25			9.1	Mer.	84	208	
	8	47.27	1			53.26			9.2	Mu.	105	21	
6827	10	49.20	1	9	30	54.72	37	36	57.6	Mu.	235	76	
6828	9	49.06	..	9	30	55...	29	7	46.8	Mu.	218	25	
	6	47.27	2			55... [4]			46.0	Mer.	91	3	[4] Separate threads give $55^{s}.53$, $54^{s}.25$. Gou gives $55^{s}.5$.
	7.8	47.10	1			55.49			47.2	Mu.	90	54	
6829	9	49.12	2	9	30	55.81	32	37	17.6	Mu.	224	87	
6830	9	51.24	5	9	30	59.50	19	39	29.0	Mer.	236	37	
6831	10	49.20	1	9	31	6.04	37	18	3.9	Mu.	235	77	
6832	5	49.22	1	9	31	12.84	35	25	25.4	Mu.	238	51	
	7	46.30	2			12.92 [5]			24.2	Mu.	9	2	[5] One of three threads rejected; R. A.=$13^{s}.91$.
	7	49.18	2			13.53			23.2	Mu.	233	79	
	6	49.21	4			13.55			23.2	Mer.	168	58	
6833	9	49.18	3	9	31	12.97	34	16	24.5	Mer.	166	82	
	9	49.18	3			13.11			23.8	Tr.	218	75	
6834	8.9	47.10	3	9	31	15.53	30	0	23.9	Tr.	104	44	
	8.9	47.12	3			15.54			22.4	Mu.	93	29	
	8.9	47.23	4			15.60			24.3 [6]	Mu.	103	40	[6] Decl. changed one rev. north.
6835	9	51.27	5	9	31	17.48	18	57	17.7	Tr.	259	26	
6836	10	49.21	2	9	31	19.03	41	20	54.4	Tr.	222	50	
6837	9	51.22	5	9	31	23.00	19	51	55.0	Tr.	253	19	
	9	51.24	5			23.09			56.7	Mu.	274	32	
6838	8	48.24	1	9	31	27.84	25	41	54.2	Tr.	162	28	
6839	8	51.22	5	9	31	29.74	20	41	24.3	Mer.	233	18	
	9	51.24	5			29.81			25.4	Tr.	257	38	
	..	51.19	5			29.87			21.8	Mer.	232	22	
	9	51.23	5			29.97			22.8	Mer.	234	38	
6840	9	51.19	5	9	31	35.26	20	15	12.3	Tr.	252	41	
	9	51.24	5			35.48			12.7	Mu.	274	33	
6841	7	46.29	4	9	31	44.32	36	15	19.5	Mu.	8	8	
6842	9	49.18	2	9	31	44.50	34	24	2.8	Tr.	218	76	
6843	9	47.10	1	9	31	48.81	30	15	46.2 [7]	Tr.	104	45	[7] Decl. changed one rev. north.
6844	8	49.26	3	9	31	51.27	27	18	37.5	Mer.	174	32	
	7.8	47.27	1			51.33			39.9	Mu.	105	22	
	8	47.10	1			51.39			37.8	Mer.	84	209	
6845	10	51.23	4	9	31	54.99 [8]	23	44	34.9	Mu.	273	25	[8] One of five threads rejected; R. A.=$54^{s}.60$.
6846	9	49.18	2	9	31	58.75	34	45	21.3	Mu.	233	80	
6847	9	51.19	4	9	32	3.69 [9]	20	37	14.2	Mer.	232	23	[9] One of five threads rejected; R. A.=$2^{s}.91$.
	9	51.22	5			3.69			17.2	Mer.	233	19	
	9	51.23	5			3.75			19.7	Mer.	234	39	
6848	8	48.23	3	9	32	14.69	22	25	14.0 [10]	Mer.	119	8	[10] Decl. changed one wire interval and one rev. north.
	7	51.23	5			14.86			10.4	Tr.	254	46	
6849	9.10	47.27	1	9	32	22.56	31	39	8.8	Mu.	107	40	
	9	47.23	1			22.58			9.7	Mer.	90	58	
	9	49.22	2			22.76			4.1	Tr.	225	50	
6850	10	48.18	3	9	32	28.28	26	7	31.0	Mer.	224	19	
6851	10	49.22	2	9	32	33.19 [11]	33	4	39.5	Mu.	240	1	[11] One of three threads rejected; R. A.=$31^{s}.40$.
	10	49.12	2			33.22 [12]			32.3	Tr.	213	46	[12] One of three threads rejected; R. A.=$35^{s}.54$.
6852	9	49.21	3	9	32	33.81 [13]	35	51	12.9	Mer.	168	59	[13] R. A. increased 1 min.
6853	10	49.22	3	9	32	35.64	33	4	18.2	Mu.	240	2	
6854	7	46.29	3	9	32	37.22	38	56	11.5	Mu.	5	6	
6855	9	51.23	5	9	32	51.48	23	52	26.4	Mu.	273	26	
6856	5	46.29	3	9	33	1.60	38	51	13.3	Mu.	5	7	
6857	8	47.21	5	9	33	2.77	29	11	46.6	Mer.	89	54	
	9	49.06	2			2.78			43.7	Mu.	218	26	
	8	47.10	1			3.04			42.6	Mu.	90	55	
6858	8	51.24	5	9	33	5.62	19	8	22.2	Mer.	236	38	
	9	51.23	5			5.85			23.5	Mu.	271	21	
6859	9	51.22	5	9	33	7.45	19	55	57.8	Tr.	253	20	
6860	9.10	47.26	3	9	33	12.54	28	14	8.0	Mu.	104	30	
	8	47.28	4			12.58			....	Mer.	92	1	
6861	9	46.28	2	9	33	15.. [14]	39	31	45.3	Mu.	4	5	[14] Separate threads give $15^{s}.25$, $16^{s}.34$.
6862	9.10	49.12	2	9	33	19.57 [15]	32	15	20.3	Mu.	224	88	[15] R. A. decreased 1 min.
6863	10	51.27	5	9	33	19.57	24	19	24.7	Mu.	275	15	
6864	9	49.12	3	9	33	26.62 [16]	32	14	41.2	Mu.	224	89	[16] R. A. decreased 1 min.
6865	9	49.22	2	9	33	29.68	31	38	21.2	Tr.	225	51	
6866	9	47.23	3	9	33	29.85	29	49	24.4	Mu.	103	41	
	8.9	47.12	3			29.88			21.6	Mu.	93	30	
	7	47.29	3			29.89			22.0	Tr.	109	11	
	9	47.10	1			30.01			22.4 [17]	Tr.	104	46	[17] Decl. changed one rev. north.
6867	7	49.22	1	9	33	30.83	35	24	52.5	Mu.	238	52	
	9.10	49.18	2			31.35			53.2	Mu.	233	81	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
6868	9	48.23	3	9	33	41.67	22	40	25.1[1]	Mer.	119	9	[1] Decl. changed one rev. south.
	8	51.23	5			41.68			24.7	Tr.	254	48	
	8	51.23	5			41.71			24.8	Tr.	254	47	
6869	10	49.20	2	9	33	42.30	37	2	7.1	Tr.	220	63	
6870	8	51.19	4	9	33	43.30[2]	20	54	13.9	Mer.	232	24	[2] One of five threads rejected; R. A.=43ˢ.78.
	7	51.22	5			43.54			13.3	Mer.	233	20	
	7	51.23	5			43.62			14.1	Mer.	234	40	
6871	9	47.10	2	9	33	45.40[3]	30	14	37.5	Tr.	104	47	[3] One thread increased 10 sec.
	8.9	47.23	3			45.45			39.1	Mu.	103	42	
	8	47.12	1			46.02			37.1	Mu.	93	31	
6872	11	49.20	1	9	33	45.50	37	32	17.6	Mu.	235	78	
6873	9	48.18	2	9	33	45.90	26	7	59.6	Mer.	224	20	
	9	49.26	4			46.31			55.2	Mu.	245	14	
	9	48.24	1			46.65			55.0	Mu.	161	8	
6874	10	51.23	5	9	33	47.17	20	34	42.4	Mer.	234	41	
6875	10	48.23	1	9	33	48.63	25	38	8.7	Mu.	160	12	
	8	48.18	1			49.15[4]			11.7	Mu.	159	14	[4] R. A. increased one thread interval.
6876	8	49.18	3	9	33	49.41	33	37	30.1	Mer.	166	83	
6877	10	49.06	1	9	33	52.78	28	51	59.5	Mu.	218	27	
6878	9	49.18	2	9	33	55.18	34	30	15.6	Tr.	218	77	
	10	46.30	7			55.25			3.9	Tr.	13	2[5]	[5] The three stars in Tr. 13, Nos. 2, 3, and 9, observed with horizontal wire 5, appear to be about 10″ too far north.
6879	10	47.29	1	9	33	58.61	30	3	30.3	Tr.	109	12	
6880	9	49.21	3	9	34	5.74	41	21	20.2	Tr.	222	51	
6881	10	49.22	3	9	34	7.13	33	9	31.7	Mu.	240	3	
	10	49.12	2			7.25			31.3	Tr.	213	47	
6882	9.10	48.24	2	9	34	7.28	23	27	86.5	Mer.	120	12	
	9	51.23	5			7.75			54.2[6]	Mu.	273	27	[6] If micrometer reading be assumed as 49.200 instead of 49.700 rev., as recorded, Decl.=85″.6.
	8	51.28	5			7.78			81.6	Tr.	260	21	
6883	..	47.28	1	9	34	16.51	28	10	....	Mer.	92	2	
6884	9	49.22	1	9	34	18.18	31	41	30.3	Tr.	225	52	
6885	9	47.10	1	9	34	19.67	29	52	57.5	Tr.	104	48	
6886	9	49.21	3	9	34	19.76	35	51	27.7	Mer.	168	60	
6887	8	46.27	2	9	34	21.10	39	22	43.8	Mu.	2	4	
6888	9.10	48.24	1	9	34	21.35	23	13	54.7	Mer.	120	13	
6889	9	46.30	2	9	34	21. ..[7]	35	14	44.2	Mu.	9	3	[7] Separate threads give 19ˢ.89, 32ˢ.03.
	9	49.18	2			21.79			44.9	Mu.	233	82	
6890	10	49.26	3	9	34	23.27	27	10	21.7	Mer.	174	33	
6891	7.8	48.23	2	9	34	26.49	22	54	40.1	Mer.	119	10	
6892	7	46.29	4	9	34	30.10	36	28	46.1[8]	Mu.	8	9	[8] Micrometer reading assumed as 22.085 instead of 22.85 rev., as recorded.
6893	8	51.23	5	9	34	32.40	21	6	41.3	Mu.	272	18	
	9	51.23	5			32.45			39.2	Tr.	256	59	
6894	9	49.12	2	9	34	45.44	32	13	54.7	Mu.	224	90	
6895	8	51.24	2	9	34	46.59	19	40	5.2	Mer.	236	39	
	8	51.23	5			46.60			4.9	Mu.	271	22	
	8	51.26	5			46.62			4.8	Tr.	258	29	
6896	9	49.26	2	9	34	47.67	25	12	53.4	Tr.	230	17	
6897	8	51.24	4	9	34	52.82[9]	19	29	17.1	Mer.	236	40	[9] One of five threads rejected; R. A.=53ˢ.44.
	9	51.26	5			52.96			16.7	Tr.	258	28	
6898	8.9	49.18	2	9	34	53.59	34	48	13.9	Tr.	218	78	
6899	7	49.21	3	9	34	54.16	35	20	64.3	Mer.	168	61	
	6	49.22	2			54.18[10]			59.5	Mu.	238	53	[10] Separate threads give 54ˢ.57, 53ˢ.79.
	8	46.30	4			54.18			70.2	Mu.	9	4	
	8.9	49.18	2			54.35			62.1	Mu.	233	83	
6900	9	49.26	1	9	34	57.76	25	17	2.7	Tr.	230	18	
6901	..	47.27	1	9	34	58.43	28	41	33.9[11]	Mer.	91	4	[11] Decl. changed two wire intervals north.
	10	49.06	1			58.54			36.4	Mu.	218	28	
6902	9	51.19	5	9	35	3.18	20	14	14.7	Tr.	252	42	
6903	7	51.23	5	9	35	11.73	23	35	32.8	Mu.	273	28	
6904	8	47.12	2	9	35	18. ..[12]	29	37	19.9	Mu.	93	32	[12] Separate threads give 18ˢ.08, 18ˢ.96.
	8.9	47.23	3			18.55			20.2	Mu.	103	43	
	5	47.29	2			18.60			19.8	Tr.	109	13	
	7.8	47.21	5			18.71			17.6	Mer.	89	55	
	7	47.10	4			18.72			18.0	Mu.	90	56	
6905	9	49.18	3	9	35	20.19	34	10	44.3	Mer.	166	84	
6906	7.8	49.22	2	9	35	21.12[13]	31	30	38.1	Tr.	225	53	[13] R. A. increased 1 min.
	9	47.27	3			21.13			37.0	Mu.	107	41	
	8.9	47.23	5			21.27			39.3	Mer.	90	59	
6907	8	51.24	5	9	35	24.43	19	47	44.9	Mu.	274	34	
	8	51.24	2			25.03			44.5	Mer.	236	41	
6908	8	49.21	2	9	35	25.51	41	17	42.1	Tr.	222	52	
6909	10	49.22	2	9	35	27.51	37	49	7.1	Tr.	223	53	
	7	49.20	3			27.57			5.7	Mu.	235	79	
6910	10	49.21	1	9	35	29.46	41	25	42.3	Tr.	222	53	
6911	9	51.23	5	9	35	31.20	20	26	60.8[14]	Mer.	234	42	[14] Decl. changed one wire interval and one rev. south.
	9	51.24	5			31.22			60.9	Tr.	257	39	
	..	51.19	5			31.26			59.7	Mer.	232	25	
	..	51.22	5			31.49			61.4	Mer.	233	21	
6912	8	49.26	3	9	35	39.86	27	33	12.5	Mer.	174	34	
	7	47.27	1			39.95			11.5	Mu.	105	23	
	9	47.10	3			40.06			11.1	Mer.	84	210	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
6913	9	49.18	2	9	35	43.76	34	9	25.9	Mer.	166	85	
6914	10	49.22	1	9	35	45.50	38	23	19.4	Tr.	223	54	
6915	8	46.29	2	9	35	47.49	36	24	1.6	Mu.	8	10	
6916	9	51.22	5	9	35	48.75	20	18	3.7	Tr.	253	21	
	9	51.22	5			48.84			5.0	Mer.	233	22	
6917	9	49.20	2	9	35	54.63	36	42	52.1	Tr.	220	64	
6918	9	48.23	1	9	35	59.33	22	16	56.3	Mer.	119	11	
6919	10	48.18	4	9	36	3.27	26	25	58.4	Mer.	224	21	
6920	10	51.23	5	9	36	3.37	22	36	45.7	Tr.	254	49	
6921	9	51.22	5	9	36	4.89	20	14	22.9	Tr.	253	22	
6922	9	49.18	2	9	36	10.40[1]	34	53	46.8	Mu.	233	84	[1] The second of three threads rejected; R. A. = 35ᵐ 49ˢ.33.
6923	9	47.27	3	9	36	14.84	31	1	54.3	Mu.	107	42	
	9	47.27	2			15.19			54.9	Tr.	107	14	
6924	7	51.19	5	9	36	18.88	21	38	16.6	Mu.	269	11	
6925	9	51.23	5	9	36	20.73	23	47	43.9	Mu.	273	29	
6926	6.7	49.18	2	9	36	21.97	34	49	7.7	Tr.	218	79	
	8	49.18	3			22.01[2]			6.4	Mu.	233	85	[2] Two threads increased 20 sec. each.
6927	8	46.30	1	9	36	23.72	35	12	23.0[3]	Mu.	9	5	[3] Decl. changed two rev. south.
6928	8	49.12	3	9	36	25.57	32	43	3.2	Mu.	224	91	
6929	8	51.23	5	9	36	28.19	21	25	59.0[4]	Tr.	255	37	[4] One transit thread rejected; Decl. = 50″.2.
	10	51.23	5			28.50			60.3	Tr.	256	60	
6930	9	49.22	2	9	36	29.48	32	13	38.2	Tr.	225	54	
6931	7	51.26	5	9	36	31.87	19	40	51.5	Tr.	258	30	
	6	51.24	5			32.11			51.7	Mer.	236	42	
6932	10	49.28	2	9	36	36.38	39	59	53.1	Mu.	248	1	
6933	..	47.27	2	9	36	45.26	29	7	18.9	Mer.	91	5	
	7	49.06	2			45.62			14.4	Mu.	218	29	
6934	9	47.27	1	9	36	46.56	27	45	59.3	Mu.	105	24	
	9	47.10	2			46.70			63.2	Mer.	84	211	
6935	9	47.27	3	9	36	47.14	30	53	10.8	Tr.	107	15	
6936	..	51.23	4	9	36	47.49	20	28	....	Mer.	234	43	
	7	51.24	5			47.60			12.2	Tr.	257	40	
	8	51.23	5			47.61			14.3[5]	Mer.	234	44	[5] Decl. changed one wire interval south.
	8	51.22	5			47.65			15.6[6]	Mer.	233	23	[6] Decl. changed six wire intervals north.
	9	51.19	5			47.70			13.9	Mer.	232	26	
	9	51.19	5			47.74			8.9	Tr.	252	43	
6937	9	47.27	2	9	36	47.90	31	5	59.1	Mu.	107	43	
6938	9	47.23	2	9	36	49.73	31	34	15.4[7]	Mer.	90	60	[7] Decl. changed one wire interval and one rev. north.
6939	9	49.18	..	9	36	56. ..	34	58	8.2	Mu.	233	86	
6940	8	51.22	5	9	36	57.13	22	5	13.8	Mu.	270	1	
6941	10	49.26	1	9	36	58.95	26	28	28.5	Mu.	245	15	
	10	48.18	1			59.84			27.0	Mer.	224	22	
6942	9.10	49.06	2	9	37	1.53	28	28	42.8	Mu.	218	30	
	8	47.28	2			2.36			....	Mer.	92	3	
6943	9	49.21	2	9	37	2.88	41	2	4.0	Tr.	222	54	
6944	8	51.27	5	9	37	3.89	18	50	39.5	Tr.	259	27	
6945	8	51.24	5	9	37	4.06	19	37	18.2	Mer.	236	43	
6946	11	49.20	2	9	37	4.51	36	48	4.2[8]	Tr.	220	65	[8] Decl. changed one wire interval south.
6947	10	49.26	1	9	37	4.78	25	16	34.8	Tr.	230	19	
6948	8	51.27	5	9	37	24.07	24	17	50.5	Mu.	275	16	
6949	9.10	49.06	1	9	37	25.78	28	38	45.4	Mu.	218	31	
6950	9	51.23	5	9	37	26.27	22	31	41.1	Tr.	254	50	
6951	10	47.23	2	9	37	26. ..[9]	29	37	46.7[10]	Mu.	103	44	[9] Separate threads give 25ˢ.58, 26ˢ.90.
	9	47.29	2			26.50			44.9	Tr.	109	14	[10] Decl. changed one rev. north.
	8.9	47.21	4			26.86			43.5	Mer.	89	56	
6952	5.6	47.27	2	9	37	30.93	27	5	5.4	Mu.	105	25	
	4	47.26	4			31.02			0.4	Tr.	105	13	
	4	49.26	3			31.13			5.5	Mer.	174	35	
6953	9	49.28	1	9	37	34.64	40	29	16.1	Mu.	248	2	
6954	10	49.18	2	9	37	39.43	34	24	4.4	Tr.	218	80	
6955	9	49.12	2	9	37	39.74	32	25	52.3	Mu.	224	92	
6956	6	51.22	5	9	37	43.08	22	3	62.3	Mu.	270	2	
	6	51.19	5			43.14			58.7	Mu.	269	12	
6957	8	51.23	5	9	37	43.80	21	16	16.3	Tr.	255	38	
	8	51.23	5			43.87			12.3	Tr.	256	61	
	9	51.23	5			43.92			16.6	Mu.	272	19	
6958	6	51.23	5	9	37	44.97	22	40	25.3	Tr.	254	51	
6959	7	51.27	5	9	37	47.43	18	45	54.0	Tr.	259	28	
6960	9	48.24	1	9	37	47.54	22	53	17.0	Mer.	120	14	
6961	11	51.23	5	9	37	47.91	21	22	9.2	Tr.	256	62	
	8	51.23	5			47.98			12.8	Tr.	255	39	
6962	9	46.28	1	9	37	48.61	39	23	23.0	Mu.	4	6	
	9	46.27	7			49.95			17.6	Tr.	4	1	
6963	9.10	49.22	2	9	37	52.88	33	9	45.2	Mu.	240	4	
	10	49.12	3			53.02			46.1	Tr.	213	48	
6964	9	47.27	2	9	37	53.90	30	42	38.9	Tr.	107	16	
	8	47.18	1			54.01			....	Mer.	87	31	
6965	8	48.18	2	9	37	54.83[11]	26	12	7.8	Mer.	224	23	[11] One of three threads rejected; R. A. = 53ˢ.87.
	8.9	49.26	4			54.86			6.9	Mu.	245	16	
6966	..	47.27	1	9	37	57.56	28	50	43.0[12]	Mer.	91	6	[12] Decl. changed one wire interval north.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
6967	..	47.27	2	9	38	1. . .[1]	28	55	. . . .	Mer.	91	7	[1] Minute assumed. Separate threads give 1^s.27, 2^s.11. CPD gives 2^s.0.
	9	49.06	1			1.56[2]			56.2	Mu.	218	32	
6968	10	48.23	2	9	38	3.92	22	47	48.4	Mer.	119	12	[2] R. A. increased 10 sec.
	7	51.23	5			4.08			46.6	Tr.	254	52	
6969	8	47.26	2	9	38	5.57	26	56	31.2	Tr.	105	14	
	7	49.26	3			5.76			31.8	Mer.	174	36	
6970	9	49.14	2	9	38	8.55	38	53	8.2	Tr.	216	1	
	7	46.29	4			8.62			4.4	Mu.	5	8	
6971	10	49.22	1	9	38	11.69	38	7	17.6	Tr.	223	55	
6972	10	48.23	1	9	38	14.65	25	52	37.6	Mu.	160	13	
6973	8	51.27	5	9	38	15.58	24	21	40.7	Mu.	275	17	
6974	8	51.24	5	9	38	17.65	19	59	4.0	Mu.	274	35	
	8	51.22	5			17.68			4.4	Tr.	253	23	
6975	8	51.24	5	9	38	21.50	19	39	6.4	Mer.	236	44	
	9	51.26	5			21.54			7.6	Tr.	258	31	
	8	51.23	5			21.57			4.3	Mu.	271	23	
6976	9.10	47.27	3	9	38	25.60[3]	31	33	52.1	Mu.	107	44	[3] One of four threads rejected; R. A.=24^s.59.
6977	9.10	47.27	..	9	38	31. . .	31	25	54.8	Mu.	107	45	
6978	9	49.20	2	9	38	38.11	36	52	24.1	Tr.	220	66	
6979	9	49.26	2	9	38	38.27	25	6	25.3	Tr.	230	20	
6980	8	51.27	5	9	38	38.81	18	53	34.0	Tr.	259	29	
6981	9	49.26	1	9	38	40.26	25	1	29.3	Tr.	230	21	
6982	9	51.27	5	9	38	41.05	19	0	51.9	Tr.	259	30	
6983	7	47.21	3	9	38	46.35	29	30	49.5	Mer.	89	57	
	6	47.29	3			46.40			48.7	Tr.	109	15	
	7	47.10	4			46.42			50.0	Mu.	90	57	
6984	9.10	49.22	1	9	38	46.66	32	58	33.8	Mu.	240	6	
	..	49.12	1			46.78			34.2	Tr.	213	49	
6985	8	47.27	1	9	38	47.68	27	42	57.4	Mu.	105	26	
	8	47.10	3			47.96			59.2	Mer.	84	212	
6986	..	51.23	4	9	38	49.31	20	19	52.8	Mer.	234	46	
	10	51.23	3			49.35			54.0	Mer.	234	45	
6987	9	49.06	1	9	38	51.87	28	51	10.0	Mu.	218	33	
	..	47.27	1			53.10			13.0[4]	Mer.	91	8	[4] Decl. changed one wire interval north.
6988	10	49.22	2	9	38	53.13	37	53	58.1	Tr.	223	56	
	8.7	49.20	3			53.25			53.5	Mu.	235	80	
6989	8	49.22	2	9	38	56.93	31	59	35.7	Tr.	225	55	
6990	9.10	49.22	4	9	38	58.15	33	6	30.0	Mu.	240	5	
6991	10	51.23	5	9	38	58.21	21	3	53.8	Tr.	256	63	
	..	51.19	4			58.49			58.1	Mer.	232	27	
	8	51.23	5			58.50			59.6	Mu.	272	20	
6992	9	51.24	2	9	38	58.82	19	45	3.2[5]	Mer.	236	45	[5] Decl. changed one wire interval south.
6993	9	49.28	1	9	39	5.98	40	28	24.3	Mu.	248	3	
6994	6	51.27	5	9	39	6.08	19	2	16.8	Tr.	259	31	
6995	10	51.22	5	9	39	6.11	20	40	33.3	Mer.	233	24	
6996	9	49.26	3	9	39	8.95	26	6	8.5	Mu.	245	17	
	8	48.18	3			8.97			14.6	Mer.	224	24	
6997	9	49.20	1	9	39	13.54	37	13	31.5	Mu.	235	81	
6998	8	48.23	1	9	39	14.18	25	34	10.9	Mu.	160	14	
	7	48.18	2			14.61			11.8	Mu.	159	15	
6999	8.9	49.20	2	9	39	15.35	37	2	48.2	Tr.	220	67	
7000	..	46.27	2	9	39	16. . .[6]	39	27	36.5	Mu.	2	5	[6] Separate threads give 16^s.89, 18^s.06. CPD gives 16^s.7.
	10	46.28	2			16.90			35.0	Tr.	5	1	
7001	8	51.22	5	9	39	22.94	21	57	46.7	Mu.	270	3	
	7	51.19	5			23.04			46.6	Mu.	269	13	
7002	9	46.29	7	9	39	23.90	37	7	19.9	Tr.	9	1	
	8.9	49.20	2			23.90			28.5	Tr.	220	68	
7003	9	49.18	2	9	39	24.97	33	57	47.6	Mer.	166	86	
	8	46.30	3			25.11			50.5	Mu.	10	1	
7004	10	49.26	1	9	39	27.95	27	9	46.5	Mer.	174	37	
7005	10	49.22	2	9	39	28.38	31	59	6.2	Tr.	225	56	
7006	8	47.10	1	9	39	30.82	27	52	52.4	Mer.	84	213	
7007	8	49.26	..	9	39	38. . .	26	34	58.8	Mu.	245	18	
	6	48.24	2			38.33			56.6	Mu.	161	9	
	5	48.18	1			38.51			56.7	Mer.	224	25	
	8	47.26	2			38.56			59.4	Tr.	105	15	
7008	10	47.29	2	9	39	39.25	29	53	29.7	Tr.	109	16	
7009	7.8	46.30	4	9	39	39.43	35	10	15.9	Mu.	9	6	
	8	49.18	4			39.82			11.5	Mu.	233	87	
7010	9	49.28	2	9	39	41.57	24	58	59.9	Mer.	177	1	
	9	49.26	2			41.71			54.8	Tr.	230	22	
7011	8	49.21	2	9	39	42.75	40	58	36.0	Tr.	222	55	
7012	8	49.12	3	9	39	49.05	32	49	1.0	Mu.	224	93	
7013	9	46.28	2	9	39	53.55[7]	45	13	17.2	Mer.	3	1	[7] One of three threads rejected; R. A.=52^s.37.
7014	8	47.27	2	9	39	57.86	30	35	2.9	Tr.	107	17	
	8	47.18	3			57.93			. . . .	Mer.	87	32	
7015	10	48.24	2	9	39	58.44	23	0	31.7	Mer.	120	15	
7016	10	51.26	5	9	39	59.05	19	41	5.7	Tr.	258	32	
	8	51.24	5			59.07			10.3	Mer.	236	46	
	8	51.23	5			59.26			4.9	Mu.	271	24	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
7017	7	47.27	1	9	40	5.16	28	47	11.2	Mer.	91	9	
	9	49.06	2			5.34			15.0	Mu.	218	34	
7018	9	49.28	1	9	40	6.82	39	56	55.9	Mu.	248	4	
7019	6	51.23	5	9	40	11.46	21	0	34.7	Mu.	272	21	
	7	51.22	5			11.48			32.1[1]	Mer.	233	25	[1] Decl. changed five rev. north.
	8	51.19	5			11.49			31.7	Mer.	232	28	
	6.7	51.23	5			11.72			32.3	Mer.	234	47	
7020	8	47.28	2	9	40	14.68	28	17	....	Mer.	92	4	
7021	8	46.28	5	9	40	23.31	45	13	38.6	Mer.	3	2	
7022	9	47.12	3	9	40	27.64[2]	30	16	49.7	Mu.	93	33	[2] One of four threads rejected; R. A.=28s.60. If it is assumed that the rejected thread is correct as AW and GZ indicate, there is still doubt whether two or all of the other threads should be increased 1 sec. each.
	9.10	47.23	2			28.35[3]			48.1	Mu.	103	45	
7023	8	49.28	2	9	40	30.00	39	59	19.8	Mu.	248	5	
7024	7	47.18	1	9	40	30.19	30	34	....	Mer.	87	33	
	7	47.27	3			30.83			33.0[4]	Tr.	107	18	
7025	9	47.29	1	9	40	34.39	29	34	51.5	Tr.	109	17	[3] One of three threads rejected; R. A.=26s.62.
	8	47.21	3			35.17[5]			40.1	Mer.	89	58	[4] Decl. changed one rev. south.
7026	10	46.28	2	9	40	38.93	39	22	24.8	Tr.	5	2	[5] R. A. decreased 1 min. and one thread interval.
7027	9.10	49.14	3	9	40	39.10	38	37	52.7	Tr.	216	2	
	8	46.29	4			39.43			49.8	Mu.	5	9	
7028	7.8	46.30	7	9	40	39.93	44	3	48.2	Mer.	12	1	
	6.7	46.29	7			39.96			50.5	Mer.	5	2	
7029	9	49.26	1	9	40	44.89	24	36	35.9	Tr.	230	23	
	8	51.27	5			45.31			33.6	Mu.	275	18	
	10	49.28	2			45.55			33.4	Mu.	249	1	
7030	11	49.18	2	9	40	48.15	34	31	24.7	Tr.	218	81	
7031	9.10	47.27	3	9	40	52.61	31	33	45.4	Mu.	107	46	
	9	49.22	3			52.86			48.3	Tr.	225	57	
7032	7	47.27	2	9	40	57.15[6]	28	59	42.8	Mer.	91	10	[6] One of three threads rejected; R. A.=57s.99.
	9	49.06	2			57.80			44.7	Mu.	218	35	
7033	7	47.27	2	9	40	59.75	27	41	9.8	Mu.	105	27	
	7	47.10	1			59.92			11.0	Mer.	84	214	
7034	8	49.12	4	9	41	7.41	32	32	52.7	Mu.	224	94	
7035	9	47.26	2	9	41	7.76	26	54	20.9	Tr.	105	16	
7036	9.10	47.27	1	9	41	9.37	30	56	16.3	Mu.	107	47	
7037	10	51.23	5	9	41	10.32	22	49	21.7	Tr.	254	53	
7038	9.8	49.20	2	9	41	13.11	37	1	47.3	Tr.	220	69	
7039	9	49.21	3	9	41	15.50	35	38	52.4[7]	Mer.	168	62	[7] Decl. changed one rev. north.
7040	7.8	47.10	1	9	41	19.77	27	17	13.0	Mer.	84	215	
	8	49.26	2			20.00			7.2	Mer.	174	38	
7041	6	49.20	2	9	41	20.92[8]	37	29	43.7	Mu.	235	82	[8] One of three threads rejected; R. A.=21s.78.
7042	9	47.27	1	9	41	21.70	27	34	33.2	Mu.	105	28	
7043	9	48.18	1	9	41	25.38	26	19	3.5	Mer.	224	26	
7044	9	49.28	3	9	41	28.37	24	30	49.5	Mu.	249	2	
	7	51.27	5			28.49			51.5	Mu.	275	19	
7045	8	51.24	5	9	41	28.38	19	16	1.3	Mer.	236	47	
	8	51.23	5			28.49			2.2	Mu.	271	25	
	8	51.26	5			28.61			0.1	Tr.	258	33	
7046	8	49.26	2	9	41	30.91	27	11	30.5	Mer.	174	39	
7047	10	49.28	2	9	41	38.61	40	9	37.7	Mu.	248	6	
7048	8	51.22	5	9	41	39.56	21	59	8.3	Mu.	270	4	
	8	51.19	5			39.74			8.7	Mu.	269	14	
7049	8	49.28	2	9	41	44.03	24	50	49.5	Mer.	177	2	
7050	6	51.27	5	9	41	44.25	18	37	1.3	Tr.	259	32	
7051	7	49.20	2	9	41	47.77	37	40	39.6	Mu.	235	83	
7052	5	51.23	5	9	41	52.71	21	19	23.3	Mu.	272	22	
	6	51.23	5			52.75			32.5	Tr.	255	40	
	7	51.23	5			52.76			22.6	Tr.	256	64	
7053	9	51.19	5	9	41	55.45	20	39	57.7	Mer.	232	29	
	7	51.24	5			55.52			55.9	Tr.	257	41	
	9	51.23	5			55.61			58.5	Mer.	234	48	
7054	7.8	47.28	2	9	41	56.29	29	37	36.7	Mu.	109	1	
	7	47.29	2			56.29			37.6	Tr.	109	18	
	9	47.23	2			56.33			36.7	Mu.	103	46	
	7	47.21	2			56.43			35.8	Mer.	89	59	
	7.8	47.10	3			56.53			37.7	Mu.	90	58	
7055	6	48.23	2	9	41	57.90	25	43	12.4	Mu.	160	15	
	5	48.18	2			58.07			11.5[9]	Mu.	159	16	[9] Decl. changed one rev. north.
7056	7	51.24	5	9	42	3.43	20	44	28.1	Tr.	257	42	
	8	51.19	5			3.54			28.8	Mer.	232	30	
	8	51.23	5			3.54			28.9	Mer.	234	49	
7057	6	51.27	5	9	42	4.53	18	57	0.2	Tr.	259	33	
7058	10	49.22	2	9	42	5.39	31	58	31.2	Tr.	225	58	
7059	7.8	49.20	2	9	42	11.74	36	56	25.4	Tr.	220	70	
7060	10	49.18	1	9	42	12.26	35	7	38.0	Mu.	233	88	
7061	9.10	49.28	2	9	42	20.44	24	31	46.8	Mu.	249	3	
	8	51.27	5			20.49			50.1	Mu.	275	20	
7062	6.7	49.18	2	9	42	21.60	34	19	25.6	Tr.	218	82	
7063	5	51.23	5	9	42	23.16	23	56	51.0	Mu.	273	30	[10] Separate threads give 24s.66, 30s.70. May belong to two different stars, CPD −33°2723 and CPD −33°2724.
7064	9	46.30	2	9	42	24. . .[10]	33	37	50.0[11]	Mu.	10	2	
7065	10	48.23	1	9	42	26.30	22	41	4.8	Mer.	119	13	
	9	51.23	5			26.80			8.8	Tr.	254	54	[11] Decl. changed one rev. south.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
7066	10	49.12	1	9	42	29.56	32	47	39.9	Tr.	213	50	
	9.10	49.12	1			29.57			37.1	Mu.	224	95	
7067	10	49.21	2	9	42	31.75	41	13	1.0	Tr.	222	56	
7068	10	51.24	5	9	42	33.13	20	35	24.2	Tr.	257	43	
7069	8	47.27	1	9	42	34.63	27	50	22.1	Mu.	105	29	
	8	47.28	1			34.66			....	Mer.	92	5	
	7.8	47.10	1			35.18			23.3	Mer.	84	216	
7070	8	51.23	5	9	42	38.62	21	4	48.3	Tr.	255	41	
7071	9	47.29	2	9	42	44.78	29	44	28.8	Tr.	109	19	
7072	10	49.18	1	9	42	50.36	34	13	56.5	Tr.	218	83	
	8	49.18	3			50.49			57.4	Mer.	166	87	
7073	10	49.14	1	9	42	54.29[1]	38	52	41.8	Tr.	216	3	[1] R. A. decreased 1 min.
7074	9	49.18	3	9	42	57.03	35	15	50.7	Mu.	233	89	
	9	46.30	2			57.41[2]			50.2	Mu.	9	7	[2] One of three threads rejected; R. A.=59ˢ.24.
7075	9	49.12	1	9	42	57.84	32	42	36.3	Mu.	224	96	
7076	9	49.28	2	9	42	58.20	25	19	17.3	Mer.	177	3	
7077	8	51.24	5	9	43	0.48	19	34	37.6	Mer.	236	48	
	9	51.23	5			0.65			35.0	Mu.	271	26	
	10	51.26	5			0.67			33.7	Tr.	258	34	
7078	8	51.19	5	9	43	1.27	20	25	54.9	Mer.	232	31	
	9	51.19	5			1.40			53.2	Tr.	252	44	
7079	11	49.21	1	9	43	3.69	35	38	22.7	Mer.	168	63	
	10	49.22	1			3.81			21.5[3]	Mu.	238	54	[3] Decl. changed one rev. north.
7080	10	49.28	1	9	43	4.82	39	56	54.8	Mu.	248	7	
7081	8	47.28	2	9	43	7...[4]	28	20	....	Mer.	92	6	[4] Separate threads give 7ˢ.93, 7ˢ.12.
7082	8	49.20	1	9	43	9.62	37	39	5.2	Mu.	235	84	
7083	11	51.24	5	9	43	10.26	20	32	31.9	Tr.	257	44	
7084	6	46.29	5	9	43	10.95	36	29	22.8	Mu.	8	11	
7085	8	51.23	5	9	43	20.09	23	47	30.4	Mu.	273	31	
7086	7	47.28	1	9	43	21.40	28	11	....	Mer.	92	7	
	9	47.26	5			22.16			9.4	Mu.	104	31	
7087	9	49.06	2	9	43	25.58[5]	29	12	16.3	Mu.	218	36	[5] One of three threads rejected; R. A.=26ˢ.53.
	8	47.21	2			25.84			20.6	Mer.	89	60	
	8	47.28	4			25.89			14.2	Mu.	109	2	
	8	47.10	2			25.91			15.7	Mu.	90	59	
7088	8	49.21	4	9	43	30.21	35	34	9.4	Mer.	168	64	
	5	49.22	2			30.35			15.7	Mu.	238	55	
7089	8	48.24	1	9	43	32.92	26	31	27.4	Mu.	161	10	
	8	48.18	4			33.35			26.6	Mer.	224	27	
	9.10	49.26	2			33.52[6]			25.2	Mu.	245	19	[6] Separate threads give 33ˢ.15, 33ˢ.89.
7090	9	49.18	3	9	43	35.66	33	51	39.3	Mer.	166	88	
	8	46.30	1			35.67			37.2	Mu.	10	3	
7091	10	49.21	2	9	43	36.97	41	25	37.1	Tr.	222	57	
7092	..	47.18	2	9	43	38.10[7]	30	39	....	Mer.	87	34	[7] One thread decreased one thread interval.
	8	47.27	3			38.16			56.9	Tr.	107	19	
7093	9	51.19	5	9	43	41.60	20	22	40.5	Tr.	252	45	
	9	51.24	5			41.64			33.4	Mu.	274	37	
7094	9	51.22	5	9	43	44.60	20	4	12.1	Tr.	253	24	
	7	51.24	5			44.69			14.5	Mu.	274	36	
7095	7	51.24	3	9	43	48.33	19	24	46.2	Mer.	236	49	
7096	9	49.22	2	9	43	48.74	38	15	15.4	Tr.	223	57	
7097	10	49.22	1	9	43	49.83	33	24	56.2	Mu.	240	8	
7098	9	51.23	..	9	43	50. ..	20	45	48.3	Mer.	234	50	
	8	51.19	5			50.34			47.1[8]	Mer.	232	32	[8] Decl. changed one rev. south.
7099	10	49.22	1	9	43	50.79	32	52	31.8	Mu.	240	7	
7100	8	46.27	7	9	43	52.90	39	28	15.5	Tr.	4	2	
	8	46.27	4			52.93			15.6	Mu.	2	6	
	..	46.28	3			52.93			....	Tr.	5	3	
	7	46.28	4			53.25			[41.7][9]	Mu.	4	7	[9] Decimal of micrometer reading the same as that of Mu. 4, No. 6.
7101	9	48.18	1	9	43	59.35[10]	25	38	2.3	Mu.	159	17	
7102	8	51.24	5	9	44	1.98	19	26	10.1	Mer.	236	50	[10] R. A. increased one thread interval.
7103	7	51.23	..	9	44	2 ..	20	21	56.3	Mer.	234	51	
	7	51.22	5			2.66			59.6	Tr.	253	25	
	9	51.19	5			2.71			56.8	Tr.	252	46	
	8	51.19	5			2.74			59.8	Mer.	232	33	
	8	51.24	5			2.77			62.1	Mu.	274	38	
7104	10	46.30	1	9	44	3.82	43	32	57.0	Mer.	12	2[11]	[11] Unidentified. Looked for with equatorial but not found. Precedes CPD −43°4077 by 1ˢ and is 1′.5 south of it.
7105	9	49.26	1	9	44	5.49	27	25	0.5	Mer.	174	40	
7106	9	49.12	1	9	44	7.01	32	34	12.1	Mu.	224	97	
7107	7	46.28	5	9	44	8.13	45	2	3.9	Mer.	3	3	
7108	8	48.23	3	9	44	8.79	22	19	0.2[12]	Mer.	119	14	[12] Decl. changed one rev. south.
7109	9	49.21	2	9	44	10.63	35	33	44.3	Mer.	168	65	
	6	49.22	2			10.64			48.1	Mu.	238	56	
7110	11	49.28	1	9	44	12.64	40	9	43.0	Mu.	248	8	
7111	9.10	49.12	1	9	44	22.58	32	40	28.7	Mu.	224	98	
7112	7.8	47.10	3	9	44	24.68	27	47	4.4[13]	Mer	84	217	[13] Decl. changed one rev. north.
	7	47.27	2			24.83			3.5	Mu.	105	30	
7113	9	47.12	4	9	44	25.49	30	14	10.9	Mu.	93	34	
	9.10	47.23	3			25.53			9.0	Mu.	103	47	
7114	10	49.26	1	9	44	28.04	25	14	2.9	Tr.	230	24	
	9	49.28	3			28.09			5.7	Mer.	177	4	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
7115	8	47.18	1	9	44	28.41	30	48	....	Mer.	87	35	
	8	47.27	3			28.63			32.6	Tr.	107	20	
7116	6	51.27	5	9	44	28.70	18	57	50.3	Tr.	259	34	
7117	9	49.22	3	9	44	36.56	31	49	28.3	Tr.	225	59	
7118	9	49.22	2	9	44	36.85	38	8	26.1	Tr.	223	58	
7119	9	49.28	1	9	44	41.36	25	11	14.6	Mer.	177	5	
	9	49.26	1			41.75			12.1	Tr.	230	25	
7120	7	51.26	5	9	44	47.80	19	20	24.6	Tr.	258	35	
7121	8	51.27	5	9	44	47.99	19	3	25.5	Tr.	259	35	
7122	10	49.26	1	9	44	49.46	26	50	20.3	Mer.	174	41	
7123	8	49.20	1	9	44	58.13	37	20	29.8	Mu.	235	85	
	11	46.29	5			58.57			28.7	Tr.	9	2	
7124	10	48.24	3	9	45	5.80	23	31	13.6	Mer.	120	16	
7125	10	47.29	1	9	45	10.64	30	1	42.9	Tr.	109	20	
7126	9	47.27	1	9	45	14.45	27	37	41.0	Mu.	105	31	
7127	9	49.18	2	9	45	18.85	34	33	44.6[1]	Tr.	218	84	[1] Decl. changed two rev. north.
	12	46.30	6			18.97			32.3[2]	Tr.	13	3	[2] Decl. changed two rev. south. The three stars in Tr. 13, Nos. 2, 3, and 9, observed with horizontal wire 5, appear to be about 10″ too far north.
7128	9	51.28	4	9	45	20.46[3]	23	13	33.0	Tr.	260	22	
7129	6	49.20	1	9	45	21.58	37	29	13.4	Mu.	235	86	
7130	8.9	49.12	1	9	45	24.11	32	16	38.5	Mu.	224	99	
7131	9	47.28	2	9	45	25.39	28	22	....[4]	Mer.	92	8	[3] One of five threads rejected; R. A.=$20^{s}.98$.
7132	9	48.18	2	9	45	26.99	26	2	15.2	Mer.	224	28	[4] Decl. changed one rev. south.
	10	49.26	3			27.37[5]			16.5	Mu.	245	20	[5] One thread increased 10 sec.
	10	48.23	1			27.63			13.9	Mu.	160	16	
	..	48.24	1			27.65			16.5	Mu.	161	11	
7133	9	48.18	2	9	45	28.55[6]	26	1	53.9	Mer.	224	29	[6] One of three threads rejected; R. A.=$23^{s}.96$.
	10	49.26	3			29.10			51.2	Mu.	245	21	
7134	9	49.22	2	9	45	28.91	31	43	43.3	Tr.	225	60	
7135	9	51.28	5	9	45	32.81	23	3	48.6	Tr.	260	24	
7136	8	47.10	1	9	45	33.90	27	57	33.5	Mer.	84	218	
7137	7	51.28	5	9	45	40.35	23	1	20.4	Tr.	260	23	
7138	10	49.06	2	9	45	43.48	29	4	5.8	Mu.	218	37	
7139	9	49.18	2	9	45	58.20	34	24	23.0	Tr.	218	85	
7140	9	47.27	1	9	46	5.49	30	32	23.8	Tr.	107	21	
7141	9	48.24	3	9	46	7.77	26	3	10.8	Tr.	162	29	
	6	48.18	1			8.50			13.7	Mer.	224	30	
	8.9	49.26	2			8.72			8.6	Mu.	245	22	
	7	48.23	1			9.11			8.7	Mu.	160	17	
	6	48.24	1			9.64			9.8	Mu.	161	12	
7142	10	51.24	4	9	46	14.67[7]	20	5	44.0	Mu.	274	39	[7] One of five threads rejected; R. A.=$15^{s}.03$.
7143	7	47.28	1	9	46	15.07	26	37	56.8	Mer.	93	1	
7144	9	51.23	5	9	46	16.75	23	42	30.6	Mu.	273	32	
7145	8	51.19	5	9	46	25.95	20	19	39.8	Mer.	232	34	
	9	51.23	5			26.07			39.4	Mer.	234	52	
	9	51.19	5			26.37			33.3	Tr.	252	47	
7146	8	51.22	5	9	46	27.71	22	4	20.3	Mu.	270	5	
	9	51.19	5			27.89			....	Mu.	269	15	
7147	6	51.27	5	9	46	29.78	18	46	44.6	Tr.	259	36	
7148	7	49.20	1	9	46	30.09	37	26	23.1	Mu.	235	87	
7149	9	48.18	1	9	46	32.36[8]	25	27	18.6	Mu.	159	18	[8] R. A. increased one thread interval.
7150	8	46.28	3	9	46	35.94	39	17	45.7	Mu.	4	8	
	8	46.28	2			36.02			48.6	Tr.	5	4	
	8	46.27	3			36.28			47.5	Mu.	2	7	
7151	11	49.28	2	9	46	37.00[9]	39	50	36.5	Mu.	248	9	[9] R. A. decreased 1 min.
7152	9	51.28	5	9	46	37.78	23	24	13.0	Tr.	260	25	
	9.10	48.24	3			39. .[10]			12.2	Mer.	120	17	[10] Separate threads give $39^{s}.18$, $39^{s}.61$, $40^{s}.20$.
7153	9.10	48.23	2	9	46	38.57	22	14	17.9[11]	Mer.	119	15	[11] Reduced for wire 7 at III instead of wire 3 at VII; changed one rev. south.
7154	10	49.18	2	9	46	39.71	35	15	48.7	Mu.	233	90	
	9	46.30	3			40. .[12]			48.2	Mu.	9	8	[12] Separate threads give $42^{s}.05$, $38^{s}.92$, $40^{s}.22$.
7155	10	51.23	5	9	46	44.93	21	8	23.7	Tr.	256	65	
7156	9.10	49.06	1	9	46	53.09[13]	29	1	51.1	Mu.	218	38	[13] R. A. increased 1 min.
	..	47.27	2			53.33			48.3	Mer.	91	11	
7157	9	46.30	1	9	46	53.68	33	52	20.5	Mu.	10	4	
7158	8	51.23	5	9	46	53.97	19	7	21.9	Mu.	271	27	
	8	51.24	5			54.15			22.4	Mer.	236	51	
7159	9	51.23	5	9	46	54.43	20	20	58.7	Mer.	234	53	
7160	8	49.18	2	9	46	54.46	33	24	54.0	Mer.	166	89	
	10	49.22	3			54.64[14]			54.1	Mu.	240	9	[14] One thread increased 10 sec.
	10	49.12	2			54.81			51.6	Tr.	213	51	
7161	9	47.29	2	9	46	58.60	29	59	25.9	Tr.	109	21	
	9	47.20	1			58.95			27.2	Mer.	88	1	
7162	9.10	47.28	2	9	47	1.02	29	17	29.5	Mu.	109	3	
7163	6	49.20	2	9	47	6.64	37	42	16.9	Mu.	235	88	
7164	8	47.27	4	9	47	6.65	31	23	44.3	Mu.	107	48	
	8	47.23	4			6.88[15]			43.4	Mer.	90	62	[15] One thread assumed as 44^{s} instead of $4^{s}.4$, as recorded.
7165	10	49.14	1	9	47	8.72	39	6	14.0	Tr.	216	4	
7166	9	49.26	1	9	47	16.07	24	45	51.6	Tr.	230	27	
	9	49.28	4			16.17			50.2	Mu.	249	4	
	8	49.28	2			16.25			51.2	Mer.	177	6	
7167	8	51.24	5	9	47	18.51	19	35	7.7	Mer.	236	52	
	8	51.23	5			18.69			8.0	Mu.	271	28	
	8	51.26	5			18.77			4.7	Tr.	258	36	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
7168	9	49.21	2	9	47	19.70[1]	35	41	12.3	Mer.	168	66	[1] One of three threads rejected; R. A.=18^{s}.71.
	8	49.22	1			19.74			13.0	Mu.	238	57	
7169	..	47.28	1	9	47	20.50	27	17	35.1	Mer.	93	2	
	6.7	47.27	3			20.57			35.2	Mu.	105	32	
	6	47.10	4			20.63			33.2	Mer.	84	219	
	6	49.26	4			20.65			34.2	Mer.	174	42	
7170	9	46.30	7	9	47	20.72	43	52	50.1	Mer.	12	3	
7171	9	49.12	2	9	47	24. . .[2]	32	31	46.7	Mu.	224	100	[2] Separate threads give 24^{s}.49, 23^{s}.29.
7172	5	49.28	4	9	47	24.46	25	13	44.3	Mer.	177	7	
	5	49.26	3			24.59			42.9	Tr.	230	26	
7173	9	48.23	2	9	47	30.85	22	36	23.4[3]	Mer.	119	16	[3] Decl. changed one rev. south.
	7	51.23	5			30.92[4]			24.7	Tr.	254	55	[4] Two threads increased 1 sec. each.
7174	7	51.22	5	9	47	34.66	21	46	48.7	Mu.	270	6	
	4	51.19	5			34.67			52.8	Mu.	269	16	
7175	8	47.27	1	9	47	38.36	27	47	29.5	Mu.	105	33	
7176	9	49.21	3	9	47	38.90	41	8	27.7	Tr.	222	58	
7177	10	51.23	5	9	47	40.76	21	28	54.7	Mu.	272	23	
	8	51.23	5			40.79			59.7	Tr.	255	42	
	10	51.23	5			40.86			54.3	Tr.	256	66	
7178	8	47.28	3	9	47	42.04	28	7	. . . .	Mer.	92	9	
7179	9	49.21	1	9	47	43. . .	35	54	30.9	Mer.	168	67	
7180	9	49.12	2	9	47	43.86	32	36	38.1	Mu.	224	101	
7181	8	47.18	3	9	47	44.99	30	41	. . . .	Mer.	87	36	
7182	6.7	49.18	3	9	48	5.30	34	12	3.2	Tr.	218	86	
	7	49.18	3			5.30			0.4	Mer.	166	90	
7183	9	49.06	2	9	48	7.23[5]	29	0	1.6	Mu.	218	39	[5] Separate threads give 7^{s}.58, 6^{s}.88.
7184	9	51.23	5	9	48	7.96	21	37	42.3	Mu.	272	24	
7185	7	51.23	5	9	48	8.32	22	47	18.7	Tr.	254	56	
	9	48.24	2			8.45			17.9	Mer.	120	18	
7186	7	46.29	3	9	48	8.56	36	34	51.4	Mu.	8	12	
7187	9	49.22	1	9	48	8.74[6]	31	32	58.2[7]	Tr.	225	61	[6] Minute assumed.
7188	8	49.20	1	9	48	11.79	37	28	50.3	Mu.	235	89	[7] Decl. changed two rev. north.
7189	9	49.26	2	9	48	12.37	27	22	9.5	Mer.	174	43	
	7.8	47.10	1			12.54			9.3	Mer.	84	220	
7190	8	48.23	1	9	48	19.09	25	49	44.1[8]	Mu.	160	18	[8] Decl. changed five rev. south.
	9	48.24	3			19.42[9]			46.3	Tr.	162	30	[9] R. A. increased 1 min.
	8	48.18	1			19.67			43.6	Mu.	159	19	
7191	7.8	46.28	5	9	48	23.22	44	34	36.3	Mer.	3	4	
	6.7	46.29	5			23.67[10]			39.4	Mer.	5	3	[10] Minute assumed.
7192	8	51.24	5	9	48	25.69	19	16	14.6	Mer.	236	53	
	8	51.23	5			25.69			17.5	Mu.	271	29	
	7	51.26	5			25.79			17.0	Tr.	258	37	
7193	8	46.27	2	9	48	27. . .[11]	39	30	21.2	Mu.	2	8	[11] Separate threads give 27^{s}.95, 27^{s}.05.
	8	46.28	2			27.42			19.2	Mu.	4	9	
	9	46.27	6			27.52			22.6[12]	Tr.	4	3	[12] Decl. changed two rev. north.
	7	46.28	2			27.57			20.8	Tr.	5	5	
7194	10	49.18	2	9	48	27.57	34	55	10.1	Mu.	233	92	
7195	9	47.26	2	9	48	27.95[13]	27	49	41.4[14]	Mu.	104	32	[13] One of three threads rejected; R. A.=29^{s}.02.
	7	47.10	1			28.21			43.5	Mer.	84	221	[14] Decl. changed one rev. south.
	7	47.27	1			28.55			42.6	Mu.	105	34	
7196	9	49.18	5	9	48	31.98	34	55	23.1	Mu.	233	91	
	9	46.30	2			32.25[15]			20.9	Mu.	9	9	[15] R. A. decreased 1 min.
7197	7	47.27	..	9	48	35. . .	28	33	51.3	Mer.	91	12	
	9	49.06	1			35.23			51.0	Mu.	218	40	
	9	47.30	2			35.57			53.8	Tr.	111	1	
7198	8.9	49.22	3	9	48	39.93[16]	32	58	56.1	Mu.	240	10	[16] One of four threads rejected; R. A.=40^{s}.66.
	8	49.12	3			40.05			59.1	Tr.	213	52	
7199	6	51.27	5	9	48	40.16	18	57	58.6	Tr.	259	37	
7200	8	49.12	2	9	48	40.61	32	39	13.9	Mu.	224	102	
7201	9	49.26	1	9	48	41.95	24	49	16.0	Tr.	230	28	
7202	8	51.22	5	9	48	44.45	20	2	4.9	Tr.	253	26	
	6	51.24	5			44.50			2.9	Mu.	274	40	
7203	8	51.23	4	9	48	52.37[17]	21	7	60.8	Tr.	255	43	[17] One of five threads rejected; R. A.=51^{s}.94.
	9	51.23	5			52.45			54.7	Tr.	256	67	
7204	10	51.19	5	9	48	53.98	20	47	0.0	Mer.	232	35	
	9	51.23	5			54.02			0.3	Mer.	234	54	
7205	9	49.28	2	9	48	55.71	40	3	20.4	Mu.	248	10	
7206	8	51.23	5	9	48	56.96	19	14	35.6	Mu.	271	30	
	8	51.24	4			57.07[18]			41.2	Mer.	236	54	[18] One of five threads rejected; R. A.=56^{s}.70
	8	51.26	5			57.21			39.0	Tr.	258	38	
7207	9	47.28	1	9	49	8.56[19]	26	54	16.1	Mer.	93	3	[19] AW gives 9^{s}.7.
	8	49.26	2			9.71			16.5	Mer.	174	44	
7208	9	46.28	1	9	49	12.09	45	1	56.8[20]	Mer.	3	5	[20] Decl. changed one wire interval north and one rev. south.
7209	9	49.22	2	9	49	13.02	31	52	34.8	Tr.	225	62	
7210	9	46.28	2	9	49	18. . .[21]	39	43	30.6	Mu.	4	10	[21] Separate threads give 19^{s}.07, 18^{s}.12.
	9	49.28	1			18.74			31.9	Mu.	248	11	
	8	46.28	2			18.83			33.7	Tr.	5	6	
7211	8	48.18	3	9	49	19.70	26	12	19.9	Mer.	224	31	
	9	49.26	4			19.89			21.6	Mu.	245	23	
	8	48.24	1			20.46			22.1	Mu.	161	13	
7212	9	47.27	1	9	49	20.37	27	47	32.2	Mu.	105	35	
7213	8	48.18	1	9	49	21.19	26	20	9.3	Mer.	224	32	
	9	49.26	4			21.71			8.3	Mu.	245	24	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
7214	8.9	49.28	4	9	49	22.88	24	22	12.3	Mu.	249	5	
	5	51.27	5			22.93			13.5	Mu.	275	21	
7215	9	51.22	5	9	49	24.12[1]	21	40	20.3	Mu.	270	7	[1] Separate threads give $23^s.55$, $24^s.34$, $23^s.86$, $24^s.32$, $24^s.54$.
7216	8	46.30	2	9	49	24.41	33	46	4.1	Mu.	10	5	
	9	49.18	2			24.46			6.2	Mer.	166	91	
7217	8	51.24	5	9	49	33.20	20	32	37.9	Tr.	257	45	
	10	51.19	4			33.29[2]			34.5	Mer.	232	36	[2] One of five threads rejected; R. A. = $32^s.74$.
	9	51.19	5			33.30			36.1	Tr.	252	48	
7218	7	47.27	1	9	49	37.11	30	22	53.6	Tr.	107	22	
	8.9	47.23	4			37.32			53.1	Mu.	103	48	
	8	47.18	5			37.32			....	Mer.	87	37	
	8	47.20	3			38.05[3]			48.1[4]	Mer.	88	2	[3] Last three of four threads increased one thread interval each. Third thread rejected; R. A. = $40^s.50$.
7219	10	49.28	3	9	49	38.92[5]	25	5	26.2	Mer.	177	8	
7220	10	51.24	4	9	49	40.76[6]	20	7	57.8	Mu.	274	41	
7221	8.9	49.14	2	9	49	44.53	38	50	26.5	Tr.	216	5	[4] Decl. changed one rev. north.
	7	46.29	5			44.62			28.8	Mu.	5	10	[5] One of four threads rejected; R. A. = $38^s.07$.
7222	9	49.28	1	9	49	48.36	24	37	22.0	Mu.	249	6	[6] One of five threads rejected; R. A. = $40^s.00$.
	7	49.28	1			48.38			25.1	Mer.	177	9	
	8	51.27	5			48.60			21.1	Mu.	275	22	
	9	49.26	1			48.84			23.2	Tr.	230	29	
7223	9	47.23	3	9	49	49.16	30	9	49.7	Mu.	103	49	
7224	8	47.23	3	9	49	49.86	31	31	57.7	Mer.	90	63	
	9	47.27	4			49.94			57.6[7]	Mu.	107	49	[7] Decl. changed five rev. north.
7225	7	46.30	5	9	49	54.48	40	6	49.8	Mer.	11	1	
	6	46.29	7			54.81			48.8	Mer.	7	4	
	6.7	49.28	1			54.84			46.2	Mu.	248	12	
7226	9	47.28	2	9	49	54.74[8]	29	13	36.2	Mu.	109	5	[8] One of three threads rejected; R. A. = $53^s.38$.
7227	7	47.29	1	9	49	55.70	29	24	46.0	Tr.	109	22	
	9	47.28	2			55.82[9]			42.9	Mu.	109	4	[9] One of three threads rejected; R. A. = $54^s.57$.
7228	7	49.20	2	9	49	57.78	37	47	50.5	Mu.	235	90	
	9	49.22	2			58.29			51.5	Tr.	223	59	
7229	6	48.18	2	9	49	58.42	25	50	22.4	Mu.	159	20	
	7	48.24	3			58.67			21.0	Tr.	162	31	
	7	48.23	1			59.10			23.7[10]	Mu.	160	19	[10] Decl. changed five rev. south.
7230	7	49.12	4	9	50	2.65	32	42	31.1	Mu.	224	103	
7231	9	49.06	2	9	50	4.52	28	33	20.2	Mu.	218	41	
	..	47.27	2			4.54			18.1	Mer.	91	13	
	9	47.26	2			4.64[11]			21.2	Mu.	104	33	[11] One thread decreased 10 sec.
	9	47.30	2			4.81			20.7	Tr.	111	2	
7232	9	49.22	2	9	50	6.68[12]	33	2	19.0	Mu.	240	11	[12] One of three threads rejected; R. A. = $5^s.89$.
	8.9	49.12	2			6.90			13.8	Tr.	213	53	
7233	7	47.28	2	9	50	7.45	26	45	53.1	Mer.	93	4	
	5	49.26	3			7.71			53.2	Mer.	174	45	
	8	47.26	4			7.88			49.9[13]	Tr.	106	1	[13] Decl. changed two rev. south.
7234	8	47.27	1	9	50	10.34	27	49	43.0	Mu.	105	36	
	8	47.10	2			10.44			43.8	Mer.	84	222	
7235	10	51.23	5	9	50	15.67	21	28	31.2	Tr.	255	44	
7236	7	46.30	3	9	50	30.15	34	6	54.2[14]	Mu.	10	6	[14] Decl. changed five rev. south.
	7	49.18	3			30.25			49.1	Mer.	166	92	
	7.8	49.18	3			30.26			54.3	Tr.	218	87	
7237	9.10	49.18	2	9	50	33.52	34	58	50.6	Mu.	233	93	
7238	7	48.24	1	9	50	34.31	26	35	29.5	Mu.	161	15	
	9	47.26	1			35.26			29.1[15]	Tr.	106	2	[15] Decl. changed two rev. south.
	7	48.18	3			35.31			25.9	Mer.	224	33	
7239	10	48.24	2	9	50	36.71	25	53	51.0[16]	Tr.	162	32	[16] Decl. changed one wire interval north.
	10	49.26	1			37.41			53.7	Mu.	245	25	
7240	7	48.18	1	9	50	36.87	26	29	5.1	Mer.	224	34	
	8	48.24	1			38.13			6.3	Mu.	161	14	
7241	..	51.23	..	9	50	45. ..	20	28	4.3	Mer.	234	55	
	7	51.24	5			45.50			2.7	Tr.	257	46	
	9	51.19	5			45.68			4.2	Mer.	232	37	
	8	51.19	5			45.83			0.9	Tr.	252	49	
7242	7.8	49.18	1	9	50	46.11	34	22	15.3	Tr.	218	88	
	9	46.30	6			46.16			17.3	Tr.	13	4	
7243	9	49.22	3	9	50	48.26	31	58	11.6	Tr.	225	63	
7244	9	47.28	1	9	50	51.07	26	38	27.0	Mer.	93	5	
7245	8	47.28	1	9	51	3.78	28	20	....	Mer.	92	10	
7246	8.9	47.10	1	9	51	6.09	27	51	7.3	Mer.	84	223	
7247	9	49.12	2	9	51	15.53	32	33	15.5	Mu.	224	104	
	..	46.32	2			15.76			17.8	Mu.	11	1	
7248	10	49.22	3	9	51	16.59	33	30	9.2	Mu.	240	12	
	9	49.18	1			17.10			6.6[17]	Mer.	166	93	[17] Decl. changed one wire interval north.
7249	8	47.23	3	9	51	18.79	31	4	51.0	Mer.	90	64	
	9	47.27	4			18.88			51.2	Mu.	107	50	
7250	8	49.28	3	9	51	21.31	24	25	3.1	Mu.	249	7	
	5	51.27	5			21.38			3.3	Mu.	275	23	[18] One of five threads rejected; R. A. = $21^s.80$.
7251	9	51.23	4	9	51	21.44[18]	20	50	58.9	Mer.	234	56	[19] R. A. decreased two thread intervals. Separate threads give $26^s.26$, $25^s.38$.
7252	..	47.27	2	9	51	25. ..[19]	28	54	27.7	Mer.	91	14	
	9.10	49.06	2			25.55			27.2	Mu.	218	42	
7253	11	51.24	5	9	51	30.63	20	30	43.3	Tr.	257	47	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
7254	8	47.28	3	9	51	36.89	28	12	....	Mer.	92	11	
7255	6	51.23	5	9	51	40.27	23	37	22.7	Mu.	273	33	
7256	9	51.23	5	9	51	41.51	21	36	25.6	Tr.	256	68	
	7	51.23	5			41.64			23.8	Mu.	272	25	
7257	10	49.14	2	9	51	41.58[1]	38	51	37.4	Tr.	216	6	[1] One thread increased one thread interval.
7258	8	47.30	2	9	51	46.76	29	30	10.0	Mer.	95	1	
	9	47.28	4			46.86[2]			14.2	Mu.	109	6	[2] One of five threads rejected; R. A.=45^{s}.61.
	9	47.29	2			46.89			17.3	Tr.	109	23	
7259	9	49.22	2	9	51	55...[3]	35	20	36.9	Mu.	238	58	[3] Separate threads give 55^{s}.57, 56^{s}.46.
	9.10	49.18	1			55.46			33.7	Mu.	233	94	
	9	49.21	4			55.85[4]			34.0	Mer.	168	68	[4] One of five threads rejected; R. A.=54^{s}.75.
7260	8.9	49.06	2	9	52	0.07	28	35	21.5	Mu.	218	43	
	6	47.27	1			0.09			21.9	Mer.	91	15	
	7	47.30	2			0.24			22.8	Tr.	111	3	
	8	47.26	5			0.29			23.5	Mu.	104	34	
7261	7	51.23	5	9	52	4.86	21	28	18.6	Mu.	272	26	
	9	51.23	5			4.98			21.2	Tr.	256	69	
	8	51.23	5			5.01			25.6	Tr.	255	45	
7262	10	46.28	1	9	52	5.88	39	27	41.4	Tr.	5	7	
	10	46.27	6			5.93[5]			35.4	Tr.	4	4	[5] R. A. decreased 1 min.
	10	46.27	3			5.95[6]			37.7	Mu.	2	9	[6] One of four threads rejected; R. A.=7^{s}.15.
7263	10	49.28	2	9	52	5.97	40	2	51.5	Mu.	248	13	
7264	9	49.21	4	9	52	7.14	41	28	49.6	Tr.	222	59	
7265	9	49.12	1	9	52	10.62	32	57	8.0	Mu.	224	105	
	9	49.22	1			10.63			7.4	Mu.	240	13	
	9.10	49.12	2			10.65			8.8	Tr.	213	54	
7266	4	51.28	5	9	52	10.89	23	14	9.7	Tr.	260	26	
	4.5	49.29	3			11.09			7.7	Mu.	251	1	
7267	10	49.22	1	9	52	13.95[7]	32	0	50.0	Tr.	225	64	[7] R. A. increased one thread interval.
7268	7	51.24	5	9	52	15.29	19	27	23.3	Mer.	236	55	
	8	51.23	5			15.30			24.8	Mu.	271	31	
7269	6	51.26	5	9	52	15.75	19	38	23.6	Tr.	258	40	
	6	51.23	5			15.77			23.5	Mu.	271	32	
	6	51.26	5			15.78			27.8	Tr.	258	39	
	6	51.24	5			15.92			27.1	Mer.	236	56	
7270	9	47.27	2	9	52	19.91	31	23	53.9	Mu.	107	51	
7271	7	49.18	4	9	52	26.33	35	10	24.7	Mu.	233	95	
	6.7	46.30	4			26.51			29.0	Mu.	9	10	
7272	10	51.23	5	9	52	33.43	22	24	18.0	Tr.	254	57	
	10	48.23	2			33.61			16.4[8]	Mer.	119	17	[8] Decl. changed one rev. south.
7273	7	46.30	5	9	52	34.06	40	38	....	Mer.	11	2	
7274	9	49.12	1	9	52	36.25	32	48	6.8	Mu.	224	106	
7275	8.9	47.23	5	9	52	36.42	29	58	25.9	Mu.	103	50	
	8	47.29	3			36.43			26.4	Tr.	109	24	
	8	47.20	4			36.89			21.7	Mer.	88	3	
7276	10	51.24	5	9	52	41.97	20	50	40.8	Tr.	257	48	
	10	51.23	5			42.25			42.1	Mer.	234	57	
7277	10	49.22	1	9	52	42.13	32	57	42.3	Mu.	240	14	
7278	8	47.23	1	9	52	44.26	31	23	52.2	Mer.	90	65[9]	[9] Unidentified. Looked for with equatorial but not found.
7279	7	51.23	5	9	52	50.15[10]	22	37	12.3[11]	Tr.	254	58	
7280	7.8	47.27	2	9	53	0.49	27	37	8.9	Mu.	105	37	[10] R. A. increased 1 sec. No chronograph tape found. See note on Decl. of No. 7279.
	8	47.10	2			0.59			10.8	Mer.	84	224	
	7	49.26	1			0.73			13.6	Mer.	174	46	[11] First three transit threads increased 1 sec. each. No chronograph tape found.
7281	7	48.23	1	9	53	1.14[12]	25	40	49.1	Mu.	160	20	
	6	48.18	2			1.57			51.9	Mu.	159	21	[12] R. A. increased 1 min.
	9	48.24	3			1.74			51.6	Tr.	162	33	
7282	9	51.23	5	9	53	9.83	23	47	7.6	Mu.	273	34	
7283	8	47.30	2	9	53	11.66	29	32	50.3	Mer.	95	2	
	9.10	47.28	1			12.17			55.2	Mu.	109	7	
7284	7	47.18	5	9	53	17.82	30	37	....	Mer.	87	38	
	7	47.27	3			17.86			56.6	Tr.	107	23	
7285	11	49.18	1	9	53	20.12	34	18	6.1	Tr.	218	89	
7286	8	49.22	2	9	53	20.34	31	50	45.9	Tr.	225	65	
7287	9	46.30	7	9	53	26.99	44	14	16.2	Mer.	12	4	
	8	46.29	6			27.16[13]			19.2	Mer.	5	4	[13] R. A. decreased 1 min.
7288	10	51.24	4	9	53	32.48[14]	19	13	37.6	Mer.	236	57	[14] One of five threads rejected; R. A.=31^{s}.83.
7289	7	49.21	1	9	53	41.10	35	19	37.7	Mer.	168	70	
	9	46.30	4			41.34			40.0	Mu.	9	11	
	6	49.22	2			41.51			40.2	Mu.	238	59	
7290	7.8	49.18	1	9	53	44.48	34	35	45.9	Tr.	218	90	
	9	46.30	7			44.99			42.8	Tr.	13	5	
7291	7	48.18	2	9	53	46.48	26	26	11.0	Mer.	224	35	
	8.9	49.26	4			46.87			13.0	Mu.	245	26	
	8	48.24	1			47.20			12.2	Mu.	161	16	
7292	9	47.27	1	9	53	47.09	29	1	15.6[15]	Mer.	91	16	[15] If micrometer reading be assumed as 46.61 instead of 46.11 rev., as recorded, Decl.=0′ 58″.4. AW gives 59″. GZ gives 56″.
7293	8	49.22	1	9	53	51.89	36	1	14.7	Mu.	238	60	
	8	46.29	3			52.36[16]			16.2	Mu.	8	13	
	9	49.21	5			52.65			10.6	Mer.	168	69	[16] R. A. increased 1 min. and one thread increased one thread interval.
7294	10	51.23	5	9	53	53.34	20	40	31.8[17]	Mer.	234	58	
7295	9.10	47.27	1	9	53	54.49	31	27	15.6	Mu.	107	52	[17] Decl. changed one rev. north.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
7296	9	47.23	3	9	54	5.52	30	3	45.3	Mu.	103	51	
	10	47.29	1			5.94			44.9	Tr.	109	25	
	8	47.20	2			6.08			47.4	Mer.	88	4	
7297	11	49.28	1	9	54	9.21	39	51	23.5	Mu.	248	14	
7298	10	49.21	2	9	54	10.11	41	23	29.0	Tr.	222	60	
7299	9.10	48.23	2	9	54	13.04	22	25	39.1[1]	Mer.	119	18	[1] Decl. changed one wire interval north.
	6	51.23	5			13.15			38.9	Tr.	254	59	
7300	9	51.27	5	9	54	15.48	18	57	11.9	Tr.	259	38	
7301	7	51.22	5	9	54	17.16	22	2	44.8	Mu.	270	8	
	7	51.17	5			17.17			48.9	Tr.	250	1	
	7	51.19	5			17.32			49.7	Mu.	269	17	
7302	8	47.30	2	9	54	17.58	29	15	30.7[3]	Mer.	95	3[2]	[2] Precedes GZ 4262 by 1^{s} and is 13″ north, see note on No. 7303. Follows GZ 4257 by 4^{s} and agrees in Decl.
	9	47.28	1			18.79			48.5	Mu.	109	8	
7303	8	47.30	1	9	54	23.05[4]	29	22	32.3	Mer.	95	4	
7304	9	46.32	2	9	54	31.10	32	23	50.2[5]	Mu.	11	2	[3] Micrometer recorded 40.9 rev.; it has been assumed as 40.90 rev. If assumed as 40.09 rev., Decl.=58″.5.
	9.10	49.12	1			31.27			64.0	Mu.	224	107	
7305	8	49.28	4	9	54	38.06	24	41	29.2	Mer.	177	10	
7306	9	49.18	4	9	54	38.93	33	54	40.1	Mer.	166	94	[4] CPD and GZ give R. A. 1 sec. larger. See note on No. 7302_1.
	7	46.30	4			39.19			39.7	Mu.	10	7	
7307	10	51.19	5	9	54	39.48	20	14	44.1	Tr.	252	50	[5] Decimal of micrometer reading the same as that of Mu. 11, No. 1.
	10	51.24	5			39.68			44.2	Mu.	274	42	
7308	8	48.18	2	9	54	44.88	25	56	54.9	Mer.	224	36	
7309	10	48.24	1	9	54	46.42	22	52	18.5	Mer.	120	20	
	9	51.23	5			47.16			15.9	Tr.	254	60	
	9	49.29	1			47.30			16.1	Mu.	251	3	
7310	7	49.29	2	9	54	47.79	23	5	12.6	Mu.	251	2	
	4	51.28	5			47.83			12.5	Tr.	260	27	
	8.9	48.24	2			48.20			15.5	Mer.	120	19	
7311	7.8	46.30	5	9	54	49.74[6]	40	8	52.9	Mer.	11	3	[6] R. A. decreased 10 sec.
7312	5	46.29	2	9	54	50.40	38	39	42.5	Mu.	5	12	
7313	7	48.18	2	9	54	54. . .[7]	25	44	38.1	Mu.	159	22	[7] Separate threads give $55^{s}.27$, $54^{s}.32$. Gou gives $54^{s}.1$.
	8	48.24	2			54.35			41.5	Tr.	162	34	
7314	9	47.23	2	9	54	56.33	30	4	55.7	Mu.	103	52	
7315	6	46.29	3	9	54	56.79	38	43	53.4	Mu.	5	11	
	10	49.14	1			56.91			49.7	Tr.	216	7	
7316	7	46.29	4	9	55	2.30	37	22	39.8	Mu.	6	1	
	8	49.20	3			2.31			39.4	Mu.	235	91	
7317	8	47.28	3	9	55	5.67[8]	27	57	. . . .	Mer.	92	12	[8] R. A. increased 5 min.
	9	47.26	2			5.80			24.1	Mu.	104	35	
	7	47.27	3			5.89[9]			27.6	Mu.	105	38	[9] R. A. increased one thread interval.
	9	47.12	3			5.96			26.4	Mer.	86	88	
	7.8	47.10	3			6.18			23.3	Mer.	84	225[10]	[10] "Double. brighter observed."
7318	11	51.24	5	9	55	5.89	20	50	23.7	Tr.	257	49	
	10	51.23	5			6.13			20.8	Mer.	234	59	
7319	9	51.24	4	9	55	6.41[11]	19	2	44.6	Mer.	236	58	[11] One of five threads rejected; R. A.=$6^{s}.03$.
7320	10	49.20	2	9	55	8.42	37	22	16.0	Mu.	235	92	
7321	10	51.23	2	9	55	11.39	20	29	44.8	Mer.	234	60	
7322	6	46.30	3	9	55	16.00	33	46	4.7	Mu.	10	8	
	9	49.18	3			16.15			1.8	Mer.	166	95	
7323	8.9	49.12	3	9	55	27.91	33	27	9.1	Tr.	213	55	
	5	49.18	2			27.93[12]			12.2	Mer.	166	96	[12] One thread increased 10 sec.
	9	49.22	5			28.04			11.6	Mu.	240	15	
7324	11	49.22	1	9	55	28.83	35	28	56.5	Mu.	238	61	
7325	9.10	49.12	1	9	55	29.34	32	26	7.2	Mu.	224	108	
7326	9	49.22	3	9	55	31.13	38	11	56.3	Tr.	223	60	
7327	6	51.26	5	9	55	32.87	19	42	2.7	Tr.	258	41	
	7	51.23	5			32.92			2.8	Mu.	271	33	
	6	51.24	5			33.02			5.7	Mer.	236	59	
7328	9	47.18	2	9	55	34.89	30	35	. . . .	Mer.	87	39	
7329	9	49.18	2	9	55	37.02	34	14	2.1	Tr.	218	91	
7330	9	49.26	2	9	55	39.32	24	44	34.5	Tr.	230	30	
	7.8	49.28	3			39.58			40.1	Mer.	177	11	
7331	8	51.23	5	9	55	46.98	21	22	47.9	Tr.	255	46	
	6	51.23	4			47.03[13]			42.7	Mu.	272	27	[13] One of five threads rejected; R. A.=$46^{s}.63$.
	7	51.23	5			47.12			43.0	Tr.	256	70	
7332	9	49.21	2	9	55	48.51	41	14	2.5	Tr.	222	61	
7333	10	51.24	5	9	55	50.29	20	6	33.0	Mu.	274	43	
7334	9	47.27	3	9	55	51.67	31	11	50.1	Mu.	107	53	
7335	10	49.22	1	9	55	59.98	38	26	7.2	Tr.	223	61	
7336	10	49.26	2	9	56	0.49	26	17	44.5	Mu.	245	27	
	9	48.18	1			0.66			45.1	Mer.	224	37	
	8	48.24	1			0.79			42.8	Mu.	161	17	
7337	11	51.23	5	9	56	5.32	23	42	56.6	Mu.	273	36	
7338	8	47.27	4	9	56	5.65	31	14	53.1	Mu.	107	54	
	8	47.23	3			5.85			49.6	Mer.	90	66	
7339	7	47.30	1	9	56	7.18	29	51	20.9	Mer.	95	5	
	7	47.23	4			7.24			22.5	Mu.	103	53	
	5.6	47.29	2			7.29			20.6	Tr.	109	26	
	6.7	47.20	4			7.29			29.5	Mer.	88	5	
7340	10	49.06	2	9	56	7.88	28	35	16.4	Mu.	218	44	
	9.10	47.12	1			8.26			18.8	Mer.	86	89	
	. .	47.27	1			8.40			11.2	Mer.	91	17	

NO.	MAG.	DATE	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
7341	10	49.26	2	9	56	8.72	26	20	41.0	Mu.	245	28	
	9	48.24	1			9.43			35.2	Mu.	161	18	
7342	6	51.24	5	9	56	10.05	20	12	25.4	Mu.	274	44	
	8	51.19	5			10.09			21.9	Tr.	252	51	
7343	..	47.27	1	9	56	12.06[1]	28	28	....	Mer.	91	18	[1] Minute assumed.
7344	10	51.23	5	9	56	15.84	20	26	41.9	Mer.	234	61	
	9	51.24	5			15.85			37.8	Tr.	257	50	
7345	8	47.30	1	9	56	19.01	29	32	50.3[2]	Mer.	95	6	[2] Decl. changed one rev. south.
	8	47.28	1			19.39			55.8	Mu.	109	9	
7346	8	47.10	1	9	56	19.74	27	56	23.6	Mer.	84	226	
7347	10	51.23	5	9	56	27.37	23	58	24.2	Mu.	273	35	
7348	9.10	47.27	1	9	56	30.64	31	18	25.1	Mu.	107	55	
7349	9	47.28	2	9	56	32. ..[3]	26	38	35.3	Mer.	93	6	[3] Separate threads give $32^{s}.40$, $31^{s}.30$.
7350	10	49.28	2	9	56	32.26	39	52	31.8	Mu.	248	15	
7351	8	48.18	2	9	56	32.28	26	0	26.5	Mer.	224	38	
	10	48.24	2			32.64			18.3	Tr.	162	35	
7352	10	49.22	2	9	56	37.90	31	58	39.3	Tr.	225	66	
7353	8	47.30	1	9	56	46.50	29	31	34.0	Mer.	95	7	
	8	47.28	1			46.91			34.3	Mu.	109	10	
	9	47.29	2			47.07			35.5	Tr.	109	27	
7354	10	49.14	1	9	56	46.63	38	42	0.2	Tr	216	8	
	6	46.29	2			46.76			3.8	Mu.	5	13	
7355	6	49.28	2	9	56	47.23	24	35	36.7	Mer.	177	12	
	7.8	49.28	5			47.27			35.5	Mu.	249	8	
	7	49.26	1			47.41			35.5	Tr.	230	31	
7356	6	46.32	3	9	56	47.25	32	30	53.0	Mu.	11	3	
	7.8	49.12	5			47.74			51.9	Mu.	224	109	
7357	5	48.18	1	9	56	49.08	26	11	8.5	Mer.	224	39	
	8	49.26	3			49.21			7.1	Mu.	245	29	
7358	8	47.28	4	9	56	54.01[4]	28	19	....	Mer.	92	13	[4] R. A. increased 5 min.
	8.9	47.12	1			54.10			14.6	Mer.	86	90	
	9	47.26	2			54.13			12.2	Mu.	104	36	
7359	9	49.28	1	9	57	0.27	24	44	41.0	Mer.	177	13	
	9	49.26	1			0.88			43.5[5]	Tr.	230	32	[5] Decl. changed one wire interval south.
7360	7	47.10	1	9	57	8.99	27	46	34.1	Mer.	84	227	
	9	47.26	2			9.07			31.6	Mu.	104	37	
	7	47.27	3			9.26			32.9	Mu.	105	39	
7361	9	51.27	5	9	57	12.14	18	42	58.1	Tr.	259	39	
7362	10	48.23	1	9	57	15.75[6]	22	33	23.5	Mer.	119	19	[6] R. A. decreased 2 min.
7363	9	48.24	3	9	57	16.54	23	23	38.9	Mer.	120	21	
	7	51.28	5			16.88			37.9	Tr.	260	28	
	7	49.29	1			17.37			37.2	Mu.	251	4	
7364	7	51.17	5	9	57	18.57	21	50	6.6	Tr.	250	2	
	5	51.19	5			18.64			4.4	Mu.	269	18	
7365	8	51.27	5	9	57	19.79	18	41	6.8	Tr.	259	40	
7366	9	49.18	2	9	57	21.98	34	8	53.6	Mer.	166	97	
	9	49.18	2			22.87			50.7	Tr.	218	92	
7367	7	49.22	3	9	57	25.07	38	33	18.6	Tr.	223	62	
	9.10	49.14	1			25.20			19.8[7]	Tr.	216	9	[7] Decl. changed one rev. south.
	7	46.29	2			25.35			17.7	Mu.	5	14	
7368	5	49.29	2	9	57	25.42	23	33	40.6	Mer.	179	1	
	4.5	49.29	1			25.65			36.6	Mu.	251	5	
7369	7	47.10	1	9	57	30.57	27	39	10.2	Mer.	84	228	
	7	47.27	3			30.58			7.5	Mu.	105	40	
7370	9	49.22	2	9	57	35.22	31	57	9.0	Tr.	225	67	
7371	8	49.26	3	9	57	37.37	27	0	9.7	Mer.	174	47	
7372	11	49.21	2	9	57	38.35[8]	35	51	22.5	Mer.	168	71	[8] One of three threads rejected; R.A. = $37^{s}.57$.
7373	10.11	49.22	2	9	57	39.83	33	29	50.9	Mu.	240	16	
7374	9	49.29	1	9	57	43.67	23	17	45.5	Mu.	251	6	
7375	8	46.30	4	9	57	45.60[9]	40	15	3.0	Mer.	11	4	[9] One thread increased 5 sec.
	9.8	49.28	1			46.56			1.0	Mu.	248	16	
7376	9.8	49.28	2	9	57	52.82	40	14	37.7	Mu.	248	17	
7377	9	51.24	5	9	57	55.13	20	54	31.0	Tr.	257	51	
7378	10	49.12	2	9	57	56.08	32	16	23.3	Mu.	224	110	
7379	7	47.27	1	9	58	0.27	27	27	45.9	Mu.	105	41	
	6	49.26	2			0.63			45.6	Mer.	174	48	
	7	47.10	1			1.08			40.4[10]	Mer.	84	229	[10] Decl. changed one wire interval south.
7380	7	46.27	6	9	58	5.18	39	14	62.6	Tr.	4	5	
	7	46.28	4			5.31[11]			59.3	Tr.	5	8	[11] R. A. decreased one thread interval.
	7	46.27	3			5.46			61.3	Mu.	2	10	
7381	7	46.30	2	9	58	9. ..[12]	33	52	8.5	Mu.	10	9	[12] Separate threads give $9^{s}.20$, $10^{s}.20$. Gou gives $10^{s}.0$.
7382	9.10	47.23	1	9	58	12.91	29	49	17.9	Mu.	103	54	
7383	9	47.20	1	9	58	15.78	29	57	50.1	Mer.	88	6[13]	[13] Unidentified. Looked for with equatorial but not found.
7384	8	51.23	5	9	58	16.92	20	37	42.7	Mer.	234	62	
7385	9	51.17	5	9	58	22.35	21	59	9.4	Tr.	250	3	
7386	9	47.27	1	9	58	22.90	28	45	....	Mer.	91	19	
	10	49.06	2			23.42			3.9	Mu.	218	45	
7387	10	51.23	3	9	58	22.97	20	44	33.5	Mer.	234	63	
7388	6	49.26	2	9	58	23.35	27	28	13.8	Mer.	174	49	
	7	47.27	1			23.87			12.1	Mu.	105	42	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
7389	9	46.30	7	9	58	23.62	34	25	28.2 [1]	Tr.	13	6	[1] Decl. changed one rev. south.
	9	49.18	2			23.65			27.5	Tr.	218	93	
7390	8	47.30	2	9	58	23.78	29	30	51.4	Mer.	95	8	
	9	47.28	3			24.20			54.8	Mu.	109	11	
7391	9	49.21	1	9	58	29.39	41	29	54.0	Tr.	222	62	
7392	7.8	47.23	3	9	58	30. . . [2]	31	25	37.1	Mer.	90	67	[2] Separate threads give 29^{s}.59, 30^{s}.27, 30^{s}.73.
	9	47.27	3			30.35			40.3	Mu.	107	56	
7393	9	49.28	2	9	58	34.15	24	57	21.1	Mer.	177	14	
	9	49.26	1			34.24			24.1	Tr.	230	33	
7394	10	49.22	1	9	58	35.31	38	23	28.3	Tr.	223	63	
7395	9	49.22	2	9	58	38.84	32	2	22.0	Tr.	225	68	
7396	8	49.22	1	9	58	39.77	35	56	28.3	Mu.	238	62	
	8	49.21	4			39.92			27.1	Mer.	168	72	
	8	46.29	3			40.21 [3]			33.2	Mu.	8	14	[3] R. A. decreased one thread interval.
7397	10	48.24	2	9	58	43.15	23	26	32.5 [4]	Mer.	120	22	[4] Decl. changed nine rev. south.
	8	49.29	1			43.22			34.1	Mu.	251	7	
7398	9.10	47.23	2	9	58	43.90	29	50	26.5	Mu.	103	55	
7399	5	49.22	1	9	58	45.91	35	39	25.1	Mu.	238	63	
	7	49.21	3			46.11			22.1	Mer.	168	73	
7400	8	51.24	5	9	58	49.52	19	49	5.0	Mu.	274	45	
	8	51.24	5			49.79			3.3	Mer.	236	60	
7401	6	49.18	3	9	58	53.51	34	9	16.7	Mer.	166	98	
	6	46.30	4			53.75			18.7	Mu.	10	10	
7402	8	49.12	2	9	58	56.99	32	39	49.7	Mu.	224	111	
	6	46.32	4			57.32			50.5	Mu.	11	4	
7403	8	49.21	2	9	58	59.72	41	26	42.4	Tr.	222	63	
7404	7	47.20	2	9	59	1.58	30	10	1.1	Mer.	88	7	
7405	8	49.26	4	9	59	1.61	26	32	53.0	Mu.	245	30	
	6.7	48.18	4			1.62			51.5	Mer.	224	40	
	7	48.25	4			1.65			53.6	Mu.	162	1	
	8	47.26	2			1.67			53.4	Tr.	105	17	
	8	47.26	3			1.76			55.4	Tr.	106	3	
	7	48.24	1			1.81			52.0	Mu.	161	19	
7406	10	49.28	1	9	59	2.96	25	6	34.8	Mer.	177	15	
7407	8	51.19	5	9	59	4.70	20	13	5.3	Tr.	252	52	
	6	51.24	5			4.70			13.1	Mu.	274	46	
	7	51.27	5			4.71			14.2	Mer.	237	1	
7408	9	46.28	5	9	59	5.07	45	10	7.0	Mer.	3	6	
7409	10	48.24	2	9	59	5.32	25	29	57.6	Tr.	162	36	
7410	10	49.22	3	9	59	12.79	33	27	18.1	Mu.	240	17	
7411	9	49.25	2	9	59	14.78 [5]	35	14	46.9	Mu.	244	2	[5] One thread increased 5 sec.
	9	46.30	2			15.51			47.9	Mu.	9	12	
7412	9	46.30	1	9	59	14.95	35	4	4.8	Mu.	9	13	
	9	49.25	1			16.96			11.0	Mu.	244	1	
7413	9	47.26	2	9	59	18.66 [6]	28	23	30.0	Mu.	104	39	[6] R. A. decreased 10 sec.
	6	47.12	1			18.81			31.3	Mer.	86	91	
	9	49.06	2			18.87			30.8	Mu.	218	46	
	7	47.28	2			19.07			. . . .	Mer.	92	14	
7414	9	51.23	5	9	59	27.28	24	1	53.0	Mu.	273	37	
7415	9	51.24	5	9	59	28.40	20	33	23.3	Tr.	257	52	
	. .	51.23	5			28.49 [7]			26.1	Mer.	234	64	[7] First two threads decreased 2 sec. each, third thread decreased 1 sec. Separate threads as recorded, give 30^{s}.55, 30^{s}.49, 29^{s}.46, 28^{s}.48, 28^{s}.49. Gou gives 28^{s}.4. AW gives 28^{s}.6. No chronograph tape found.
7416	9	51.27	5	9	59	30.82	18	34	36.5	Tr.	259	41	
7417	9	49.26	2	9	59	32.42	25	52	6.2	Mu.	245	31	
	9	48.24	1			32.64			6.7	Tr.	162	37	
	8	48.23	2			33.24			6.9	Mu.	160	21	
	8	48.18	2			33.40			6.9	Mu.	159	23	
7418	10	47.28	1	9	59	34.88 [8]	26	41	. . . .	Mer.	93	7	[8] R. A. increased 1 min.
7419	8	47.12	1	9	59	38.20	27	55	11.9	Mer.	86	92	
	9	47.26	1			38.35			9.9	Mu.	104	38	
	7	47.27	1			38.68			11.8	Mu.	105	43	
7420	7	51.23	5	9	59	40.01	22	24	33.3	Tr.	254	61	
	9	48.23	2			41.11 [9]			33.4	Mer.	119	20	[9] R. A. decreased 1 min.
7421	8	46.27	2	9	59	40.36	39	20	32.2	Mu.	2	11	
	8	46.28	3			40.66 [10]			19.1 [11]	Mu.	4	11	[10] One of four threads rejected; R. A. = 39^{s}.83.
	8	46.28	2			40.77			31.0	Tr.	5	9	[11] If micrometer reading be assumed as 40.520 instead of 40.720 rev., as recorded, Decl. = 31″.7.
7422	7	49.22	1	9	59	42.40	35	39	21.8	Mu.	238	64	
	9	49.21	2			42.74			22.3	Mer.	168	74	
7423	8	47.30	2	9	59	42.58	29	23	31.1	Mer.	95	9	
	9	47.28	1			42.78			29.4	Mu.	109	12	
7424	8	47.12	1	9	59	52.30	28	24	20.6	Mer.	86	93	
	9	49.06	1			52.30			22.8	Mu.	218	47	
	9	47.26	1			52.51 [12]			21.2	Mu.	104	40	[12] R. A. decreased 10 sec.
	8	47.28	1			53.52			. . . .	Mer.	92	15	
7425	9	51.24	5	9	59	53.81	19	4	31.5 [13]	Mer.	236	61	[13] Decl. changed five rev. south.
	9	51.23	5			53.93			28.1	Mu.	271	34	
7426	7.8	49.28	4	9	59	54.21	23	59	4.2	Mu.	249	9	
	6	49.29	5			54.41			5.2	Mer.	179	2	[14] Micrometer rev. and horizontal wire assumed.
	5	51.23	5			54.50			5.2	Mu.	273	38	[15] R. A. decreased 1 min.
7427	9	49.29	1	9	59	57.30	22	48	52.9 [14]	Mu.	251	8	[16] First two threads decreased 2 sec. each, third thread decreased 1 sec. No chronograph tape found.
	10	48.23	2			57.46 [15]			51.6	Mer.	119	21	
	7	51.23	5			57.70 [16]			50.6	Tr.	254	62	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″		-		
7428	9	51.17	5	9	59	58.27	21	47	3.4	Tr.	250	4	
7429	9	49.18	3	10	0	0.71	34	27	3.5	Tr.	218	94	
	10	46.30	2			0.89			1.6	Tr.	13	7	
7430	7	51.19	5	10	0	3.14	20	31	34.4	Tr.	252	53	
	10	51.24	5			3.16			33.2	Tr.	257	53	
	7	51.23	5			3.25			34.9[1]	Mer.	234	65	[1] Decl. changed three wire intervals north and one rev. south.
7431	9.10	47.27	1	10	0	3.67	31	1	55.2	Mu.	107	57	
7432	11	49.20	1	10	0	5.29	37	29	40.7	Mu.	235	93	
7433	7	51.24	5	10	0	15.96	18	58	46.9	Mer.	236	62	
7434	9	47.26	..	10	0	18...	28	8	13.8	Mu.	104	41	
	8	47.12	1			18.53			13.0	Mer.	86	94	
	7	47.28	1			19.51			....	Mer.	92	16	
7435	8	47.27	1	10	0	22.69	27	35	17.3	Mu.	105	44	
	9.8	47.10	1			22.98			19.1	Mer.	84	230	
7436	9	49.28	2	10	0	27...[2]	24	12	17.8	Mu.	249	10	[2] Separate threads give $27^s.13$, $28^s.09$. Ya gives $28^s.3$.
7437	7	51.22	5	10	0	30.69	21	45	35.2	Mu.	270	9	
	7	51.17	5			30.84			33.8	Tr.	250	5	
7438	8.9	46.28	2	10	0	32.74	44	38	54.5[3]	Mer.	3	7	[3] Decl. changed one rev. south.
7439	8	49.21	1	10	0	37.37	35	58	16.3	Mer.	168	75	
7440	9	49.26	1	10	0	38.60	26	24	15.3	Mu.	245	32	
	8	48.18	4			38.63			14.8	Mer.	224	41	
	8	48.24	1			39.29			15.2	Mu.	161	20	
7441	9	49.18	5	10	0	39.01	34	8	50.5	Mer.	166	99	
7442	9	49.28	2	10	0	46.16	39	57	50.7	Mu.	248	18	
7443	7	49.22	1	10	0	50.83	35	56	24.1	Mu.	238	65	
	8	49.21	1			51.51			22.0	Mer.	168	76	
7444	7	49.29	3	10	0	54.38	23	39	8.8	Mer.	179	3	
	7	51.23	5			54.38			9.6	Mu.	273	39	
7445	7.6	49.29	1	10	0	55.26	23	19	33.1	Mu.	251	9	
	10	48.24	2			55.65			31.3[4]	Mer.	120	23	[4] Decl. changed one wire interval north.
7446	9	46.30	2	10	0	56.10	35	3	31.3[5]	Mu.	9	14	[5] Decl. changed two rev. south.
7447	9.10	49.12	3	10	0	57.69	32	30	48.8	Mu.	224	112	
	9	46.32	3			58...[6]			59.8	Mu.	11	5	[6] Separate threads give 56^s 3; $58^s.19$, $59^s.72$.
7448	10	49.21	1	10	0	57.83	41	37	42.6	Tr.	222	64	
7449	9	51.27	5	10	1	0.29	18	49	59.2	Tr.	259	42	
7450	9	51.24	5	10	1	2.05	19	47	35.8	Mu.	274	47	
	7	51.27	5			2.07			33.0	Mer.	237	2	
7451	9	47.28	3	10	1	3.17	29	30	41.2	Mu.	109	13	
	8	47.30	2			3.22			37.6	Mer.	95	10	
7452	9	49.28	2	10	1	5.57	24	13	56.8	Mu.	249	11	
7453	7	51.23	4	10	1	12.24[7]	21	35	22.6	Mu.	272	28	[7] One of five threads rejected; R. A. = $11^s.84$.
7454	10	48.23	1	10	1	13.47	25	36	31.7	Mu.	160	22	
7455	9	49.22	2	10	1	14.68	31	52	3.0	Tr.	225	69	
7456	7	51.24	5	10	1	16.15	19	0	36.0	Mer.	236	63	
7457	8	47.27	3	10	1	21.10	31	19	36.5	Mu.	107	58	
	6.7	47.23	4			21.13[8]			....	Mer.	90	68	[8] Minute assumed.
7458	10	49.28	2	10	1	26.00	39	52	16.2	Mu.	248	19	
7459	10	51.23	5	10	1	27.05	20	38	41.4	Mer.	234	66	
7460	7	46.29	3	10	1	30.54[9]	37	37	41.1	Mu.	6	2	[9] One of four threads rejected; R. A. = $29^s.44$.
	9	49.20	2			30.75			41.6	Mu.	235	94	
7461	7	46.29	5	10	1	33.94	36	36	7.2	Mu.	8	15	
7462	9	51.23	5	10	1	36.23	19	34	50.2	Mu.	271	35	
7463	10	49.22	4	10	1	42.43	33	23	17.2	Mu.	240	18	
7464	8	51.23	5	10	1	45.08	21	1	23.2	Mu.	272	29	
7465	8.9	49.28	2	10	1	45.77	24	15	17.9	Mu.	249	12	
7466	10	49.28	2	10	1	46.50	24	56	43.8	Mer.	177	17	
7467	10	49.28	2	10	1	46.99	24	54	1.8	Mer.	177	16	
7468	7	49.18	2	10	1	49.14	34	16	47.7	Tr.	218	95	
7469	7.8	47.20	4	10	1	53.25	30	22	12.6	Mer.	88	8	
	8	47.18	2			53.50			....	Mer.	87	40	
	8.9	47.27	1			53.75			10.0	Tr.	107	24	
	9	47.23	3			53.79			10.4	Mu.	103	56	
7470	9	51.23	5	10	1	56.14	23	44	18.9	Mu.	273	40	
7471	9	47.28	1	10	2	1.15[10]	29	14	2.8	Mu.	109	14	[10] One doubtful thread rejected; R.A. = 1^m $56^s.86$.
7472	9	49.28	1	10	2	1.45	24	19	37.3	Mu.	249	13	
7473	8	47.27	3	10	2	6.65	29	1	2.9	Mer.	91	20	
7474	9	48.23	2	10	2	7.88	22	49	53.5[11]	Mer.	119	22	[11] Decl. changed one rev. south.
	10	48.24	2			8.01			48.8	Mer.	120	24	
	7	51.23	5			8.05			54.3	Tr.	254	63	
7475	10	51.23	5	10	2	9.01	22	45	22.7	Tr.	254	64	
7476	10	49.28	1	10	2	11.16	25	3	32.4	Mer.	177	18	
	9	49.26	1			11.17			26.5	Tr.	230	34	
7477	7	46.32	1	10	2	11.85	32	8	18.8	Mu.	11	6	
	9	49.22	1			12.93			18.0	Tr.	225	70	
7478	9	49.29	1	10	2	11.92	23	11	11.7	Mu.	251	10	
7479	8	46.30	2	10	2	20.99	33	43	22.5	Mu.	10	12	
7480	10	49.20	2	10	2	22.19	37	26	32.7	Mu.	235	95	
7481	8	46.30	3	10	2	22.38	34	11	45.9	Mu.	10	11	
7482	7	46.32	1	10	2	27.64	32	14	17.9	Mu.	11	7	
	9	49.12	3			29.54			18.2	Mu.	224	113	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
7483	10	47.26	1	10	2	28.05	27	9	58.1	Tr.	106	4	
	8.9	48.25	3			28.19			57.4	Mu.	162	2	
	8	47.28	3			28.21			57.0	Mer.	93	8	
	8	49.26	4			28.26			59.5	Mer.	174	50	
	9	47.27	1			28.47			54.8	Mu.	105	45	
	8	47.10	1			28.57			53.4	Mer.	84	231	
7484	8	51.23	5	10	2	36.58	21	31	13.1	Tr.	255	47	
7485	10	51.23	5	10	2	39.33	19	14	22.6	Mu.	271	36	
7486	10	49.21	2	10	2	41.30	41	2	39.0	Tr.	222	65	
7487	9	49.29	1	10	2	41.77	23	9	12.2	Mu.	251	11	
7488	9	51.23	5	10	2	42.92	20	56	31.2	Mer.	234	67	
	..	51.23	5			43.07			....	Mer.	234	68	
7489	7	46.32	1	10	2	53.43	32	6	45.6	Mu.	11	8	
	8	49.22	1			53.90			51.0	Tr.	225	71	
7490	9	49.21	2	10	2	55.98	35	39	36.1[1]	Mer.	168	77	[1] Decl. changed one wire interval south.
	9	49.22	1			56.79			37.5	Mu.	238	66	
7491	9	46.29	2	10	2	57.19	39	6	5.3	Mu.	5	15	
7492	10.9	49.25	1	10	3	2.60	34	55	34.7	Mu.	244	4	
7493	7	46.30	5	10	3	4.12	35	7	20.6	Mu.	9	15	
	5	49.25	2			4.39			23.3	Mu.	244	3	
7494	10	49.29	1	10	3	6.99	22	54	51.2[2]	Mu.	251	12	[2] Decl. changed five rev. north.
7495	9	46.27	2	10	3	7.59[3]	39	44	24.7	Mu.	2	12	[3] One of three threads rejected; R. A. = $6^{s}.62$.
	9	46.28	3			7.59			22.0	Tr.	5	10	
	9	49.28	1			8.20			25.2	Mu.	248	20	
7496	8	47.27	2	10	3	7.88[4]	28	32	54.3	Mer.	91	21	[4] One of three threads rejected; R. A. = $7^{s}.10$.
	8.9	47.12	1			8.47			60.0	Mer.	86	95	
7497	9	46.32	1	10	3	19.02	32	16	28.3	Mu.	11	9	
7498	9	49.28	2	10	3	20.26	25	20	48.0	Mer.	177	19	
	10	48.23	1			20.74			36.3	Mu.	160	23	
7499	8	46.29	1	10	3	22.40	36	2	3.9	Mu.	8	16	
	9	49.21	1			22.42			3.7	Mer.	168	78	
	6	49.22	1			23.05			8.1	Mu.	238	67	
7500	8	47.10	1	10	3	23.61	27	27	55.4	Mer.	84	232	
	9	49.26	3			23.78			53.6	Mer.	174	51	
	7	47.27	1			23.97			56.8	Mu.	105	46	
7501	9	51.17	5	10	3	23.68	22	2	40.0	Tr.	250	6	
7502	8.9	47.23	4	10	3	27.66	30	9	42.5	Mu.	103	57	
	8	47.20	3			27.68			46.3	Mer.	88	9	
7503	11	49.28	1	10	3	36.78	40	10	39.4	Mu.	248	21	
7504	..	49.28	1	10	3	44.79	25	23	58.5	Mer.	177	20	
	10	48.23	1			45.05			62.8	Mu.	160	24	
7505	9.10	46.29	2	10	3	46.51[5]	37	28	20.0	Mu.	6	3	[5] Both threads marked doubtful. One thread decreased 10 sec.
7506	9.10	49.22	1	10	3	48.79	32	49	50.7	Mu.	240	19	
7507	9	51.24	5	10	3	53.32	19	54	16.1	Mu.	274	49	
	8	51.27	5			53.34			13.8	Mer.	237	3	
7508	9	49.26	2	10	3	55.07	24	42	1.9	Tr.	230	35	
7509	8	51.24	5	10	4	2.33	20	4	8.6	Mu.	274	48	
	8	51.22	5			2.34[6]			9.0	Tr.	253	27	[6] One thread increased 2 sec. No chronograph tape found.
	8	51.27	4			2.39[7]			9.3	Mer.	237	4	
7510	9	51.23	5	10	4	4.27	19	29	23.8	Mu.	271	37	[7] One of five threads rejected; R. A. = $2^{s}.75$.
	8	51.24	5			4.36			27.2[8]	Mer.	236	64	[8] Decl. changed six wire intervals south (indicated by observer as probable) and five rev. north.
7511	8	46.28	5	10	4	5.20	45	3	9.4	Mer.	3	8	
7512	7	49.22	1	10	4	6.70	35	51	29.3	Mu.	238	68	
	9	49.21	1			7.44			27.4	Mer.	168	79	
7513	7	49.22	3	10	4	16.77	38	10	28.8	Tr.	223	64	
7514	7	49.21	3	10	4	19.70	40	58	25.5	Tr.	222	66	
7515	9	46.28	2	10	4	25.50	44	34	15.0	Mer.	3	9	
7516	10	51.23	5	10	4	25.98	21	16	30.3	Tr.	255	48	
7517	8	49.22	2	10	4	30.34	32	1	4.7	Tr.	225	72	
7518	8	49.28	1	10	4	31.82	24	38	20.9	Mer.	177	21	
7519	9.10	47.27	3	10	4	33.15	31	18	30.3	Mu.	107	59	
7520	10	51.23	5	10	4	34.80	21	17	32.6	Tr.	255	49	
7521	9	51.22	5	10	4	42.13	20	15	19.7	Tr.	253	28	
	10	51.24	3			42.15[9]			23.8	Mu.	274	50	[9] Two of five threads rejected; R. A. = $41^{s}.75$, $42^{s}.57$.
7522	9	48.18	1	10	4	45.82	25	58	22.9	Mu.	159	24	
	9	49.26	3			46.01			21.3	Mu.	245	33	
	9	48.18	3			46.11			20.2	Mer.	224	42	
7523	8	46.30	2	10	4	47.71	34	3	6.7	Mu.	10	14	
7524	8	51.22	5	10	4	49.05	21	53	36.9	Mu.	270	10	
	8	51.17	5			49.09			36.1	Tr.	250	7	
7525	8	51.19	5	10	4	52.23	20	32	39.6	Tr.	252	54	
	9	51.23	5			52.26			43.6	Mer.	234	69	
	..	51.30	5			52.48			....	Tr.	261	2	
	..	51.30	5			52.53			....	Tr.	261	1	
	6	51.30	5			52.57			....	Tr.	261	3	
7526	..	47.18	2	10	4	53...[10]	30	58	....[11]	Mer.	87	41	[10] Separate threads give $53^{s}.46$, $52^{s}.53$. AW gives $54^{s}.7$.
	9.10	47.27	2			54.63			36.0	Mu.	107	60	
	8	47.23	1			54.65			31.0	Mer.	90	69	[11] Decl. changed one wire interval north.
7527	8	49.21	2	10	4	59.51	36	3	36.3	Mer.	168	80	
	7	49.22	1			59.59			41.3	Mu.	238	69	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
7528	9	49.22	1	10	4	59.84	38	20	29.2	Tr.	223	65	
7529	10	48.23	2	10	5	0.55	22	28	47.1	Mer.	119	23	
	10	51.23	5			1.23			58.5	Tr.	254	65	
7530	10	51.23	5	10	5	3.98	21	32	44.0	Mu.	272	30	
7531	9	46.29	1	10	5	4.72	38	39	52.9	Mu.	5	16	
7532	8	51.27	5	10	5	8.16	18	48	47.7	Tr.	259	43	
7533	8	46.30	3	10	5	10.10	33	35	37.6	Mu.	10	13	
7534	8	47.26	5	10	5	12.46	27	51	61.1	Mu.	104	42	
	7	47.12	6			12.51			59.5	Mer.	86	96	
	6	49.28	2			12.53			62.0	Mer.	178	1	
	7.8	47.29	3			12.60			61.6	Mu.	110	1	
	5	47.10	4			12.73			62.4	Mer.	84	233	
	4.5	47.27	2			12.73			62.8	Mu.	105	47	
7535	10	49.22	1	10	5	13.89	32	58	20.6	Mu.	240	20	
7536	10	48.24	2	10	5	15.47	23	21	50.6[1]	Mer.	120	25	Decl. changed 10 rev. south.
	9	49.29	1			16.96			57.3	Mu.	251	13	
7537	10	49.28	1	10	5	16.65	24	10	26.4	Mu.	249	14	
	10	49.29	4			16.76			26.0	Mer.	179	4	
7538	9	49.26	2	10	5	17.65[2]	26	31	20.1	Mu.	245	34	[2] One of three threads rejected; R. A.=$18^{s}.43$.
	8	48.24	1			17.87			18.6	Mu.	161	21	
	8.9	48.25	3			18.12			18.9	Mu.	162	3	
7539	7	46.30	7	10	5	18.44	34	35	7.8	Tr.	13	8	
7540	10	49.25	2	10	5	19.37	35	10	54.4	Mu.	244	5	
7541	9	51.24	5	10	5	21.55	19	5	6.6	Mer.	236	65	
7542	7	46.30	7	10	5	30.52	40	8	9.8[3]	Mer.	11	5	[3] Micrometer reading assumed as 40.60 instead of 40.6 rev., as recorded.
	5.6	49.28	3			30.87			8.7	Mu.	248	22	
7543	8	46.27	5	10	5	33.72	39	15	15.5	Tr.	4	6	
	8	46.28	2			33.84			18.1	Tr.	5	11	
7544	9	49.22	2	10	5	36.60	33	10	19.7	Mu.	240	21	
7545	9	46.28	2	10	5	39.15	39	48	7.2	Mu.	4	12	
	..	46.27	2			39.47			9.1	Mu.	2	13	
7546	9	49.28	2	10	5	40.22	24	23	56.7	Mu.	249	15	
7547	8	49.20	2	10	5	42.34	37	25	36.7	Mu.	235	96	
7548	7.8	49.22	1	10	5	44.96	31	57	2.2	Tr.	225	73	
7549	9	46.30	3	10	5	45.73	43	59	30.9	Mer.	12	5	
	6.7	46.29	4			46.24			34.8	Mer.	5	5	
7550	7	46.29	1	10	5	46.79	37	36	48.8	Mu.	6	4	
	8	49.20	2			47.52			47.5	Mu.	235	97	
7551	4	51.27	4	10	5	53.01[4]	18	56	56.7	Tr.	259	44	[4] One of five threads rejected; R. A.=$52^{s}.07$.
7552	6	47.27	4	10	5	59.13[5]	28	45	33.0	Mer.	91	22	[5] One of five threads rejected; R. A.=$58^{s}.07$.
7553	9	47.27	1	10	6	2.08	27	46	17.8	Mu.	105	48	
	9	47.10	2			2.32			16.5	Mer.	84	234	
7554	8	49.22	1	10	6	4.20	35	29	28.1	Mu.	238	70	
	9	49.21	1			4.23			27.8	Mer.	168	81	
7555	10	51.23	5	10	6	7.37	19	25	27.1	Mu.	271	38	
7556	7.8	49.22	1	10	6	8.28	31	46	31.8	Tr.	225	74	
7557	9	47.29	1	10	6	19.29	29	27	28.2	Tr.	109	28	
7558	5	48.18	5	10	6	25.62	26	17	21.4	Mer.	224	43	
	6	49.26	3			25.83[6]			21.5	Mu.	245	35	[6] One of four threads rejected; R. A.=$24^{s}.89$.
	6	48.24	2			25.95			21.5	Mu.	161	22	
7559	7	49.22	1	10	6	30.74	35	19	46.8	Mu.	238	71	
	9	49.21	2			30.99			46.5	Mer.	168	82	
	9	46.30	2			31.09			48.3	Mu.	9	16	
	8	49.25	2			31.11			49.0	Mu.	244	6	
7560	9	47.23	3	10	6	40.04	29	41	20.3	Mu.	103	58	
	8	47.29	2			40.12			17.2	Tr.	109	29	
	8	47.28	3			40.20			18.4	Mu.	109	15	
	8	47.20	2			40.48			25.1	Mer.	88	10	
7561	8	47.27	2	10	6	45.61	30	47	49.4	Tr.	107	25	
	8.9	47.18	1			46.14			....	Mer.	87	42	
7562	6	46.32	4	10	6	47.35	32	17	35.8	Mu.	11	10	
7563	9	48.25	4	10	6	49.79	27	13	15.2	Mu.	162	4	
	8	47.10	1			49.98			14.7	Mer.	84	235	
	9	49.26	4			49.98			14.3	Mer.	174	52	
	9	47.29	3			50.01			12.5	Mu.	110	2	
	8	47.28	3			50.13			18.5	Mer.	93	9	
	8	47.27	1			50.15			14.9	Mu.	105	49	
7564	6	51.23	5	10	6	50.05	22	20	19.6	Tr.	254	66	
7565	10	49.29	2	10	6	50.14	23	30	8.0	Mer.	179	5	
	10	51.23	4			50.23[7]			7.1	Mu.	273	41	[7] One of five threads rejected; R. A.=$50^{s}.66$.
7566	10	51.23	5	10	6	58.20	21	24	53.0	Tr.	255	50	
	9	51.23	5			58.21			47.7	Tr.	256	71	
7567	8	51.23	5	10	7	1.23[8]	21	18	6.1	Mu.	272	31	[8] CiZ gives $4^{s}.0$. No chronograph tape found.
	10	51.23	5			3.45			9.7	Tr.	255	51	
7568	4	49.29	3	10	7	7.95	23	4	22.1	Mu.	251	14	
	7	48.24	3			8.09			19.6	Mer.	120	26	
7569	7	46.27	1	10	7	22.91[9]	39	36	16.5	Mu.	2	14	[9] R. A. increased one thread interval.
	7	46.28	5			23.22[10]			16.9	Mu.	3	1	[10] One of six threads rejected; R. A.=$22^{s}.46$.
	7	46.28	2			23.32[11]			13.5	Tr.	5	12	[11] R. A. decreased one thread interval
	6.7	46.29	3			23.35			16.2	Mer.	7	5	
	7	46.28	3			23.43			13.9	Mu.	4	13	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
7570	9.10	47.27	..	10	7	24...[1]	31	1	41.4	Mu.	107	61	[1] "Too faint."
7571	7	51.30	5	10	7	32.77	20	59	....	Tr.	261	4	
	9	51.23	5			32.78			4.7	Mer.	234	70	
	9	51.22	5			32.98			5.5[2]	Mer.	233	26	[2] Decl. changed one rev. south.
7572	7	46.27	..	10	7	33..	39	34	6.2	Mu.	2	15	
	6.7	46.29	2			33.04			....	Mer.	7	6	
	7	46.28	7			33.18			5.5	Mu.	3	2	
	7	46.28	1			33.27			6.9	Tr.	5	13	
	7	46.28	2			33.51			4.6	Mu.	4	14	
7573	9	49.21	3	10	7	33.58[3]	41	14	49.5	Tr.	222	67	[3] Minute assumed.
7574	9	51.22	5	10	7	39.24	22	5	22.9	Mu.	270	11	
7575	10	49.29	2	10	7	45.04	23	50	15.3	Mer.	179	6	
	10	51.23	4			45.46[4]			14.2	Mu.	273	42	[4] One of five threads rejected; R. A.=45^s.06.
7576	7	46.29	4	10	7	46.81	38	36	4.6	Mu.	5	17	
7577	9	46.30	6	10	7	49.12	34	30	34.6[5]	Tr.	13	9	[5] Decl. changed one rev. south. The three stars in Tr. 13, Nos. 2, 3, and 9, observed with horizontal wire 5, appear to be about 10″ too far north.
7578	8	46.29	2	10	7	53...[6]	37	36	30.3	Mu.	6	5	
7579	9	49.28	1	10	7	53.58[7]	24	39	33.0	Mer.	177	22	
7580	10	51.23	5	10	7	53.61	21	28	45.2	Tr.	256	72	
	9	51.23	5			53.63			35.3	Mu.	272	32	[6] Separate threads give 52^s.34, 53^s.42.
7581	10	49.22	1	10	7	54.04	31	41	19.9	Tr.	225	75	[7] R. A. decreased 10 sec.
7582	9	47.23	3	10	7	55.70	30	4	....	Mu.	103	59	
	6	47.29	2			55.72			23.7	Tr.	109	30	
	8	47.20	3			55.96			18.1	Mer.	88	11	
7583	7	49.28	2	10	7	56.65[8]	24	48	36.3	Mer.	177	23	[8] One thread decreased 10 sec.
	9	49.26	2			56.98			33.6	Tr.	230	36	
7584	9	47.28	2	10	7	58...[9]	26	33	52.8	Mer.	93	10	[9] Separate threads give 59^s.26, 58^s.16.
	9	49.26	2			58.78[10]			51.8	Mu	245	36	[10] One of three threads rejected; R. A.=59^s.60.
	8	48.24	1			59.06			54.2	Mu.	161	23	
	8	48.25	2			59.12			53.6	Mu.	162	5	
	8	48.18	3			59.31			49.7	Mer.	224	44	
7585	9	49.28	2	10	8	2.25	24	36	24.7	Mu.	249	16	
	9	49.26	1			2.48			25.0	Tr.	230	37	
7586	10	49.21	2	10	8	6.52	35	54	15.2	Mer.	168	83	
	8	49.22	1			6.54			20.3	Mu.	238	72	
	8	46.29	1			8.43			21.7	Mu.	8	17	
7587	9	49.28	..	10	8	8...	24	14	39.7	Mu.	249	18	
7588	8	46.30	1	10	8	18.13	34	11	53.7	Mu.	10	16	
7589	9	49.28	3	10	8	19.93	27	10	27.3	Mer.	178	2	
	10	49.26	3			20.31			28.7	Mer.	174	53	
7590	8	46.32	3	10	8	22.78	32	39	21.2	Mu.	11	11	
7591	8	51.23	5	10	8	24.00	19	9	53.6	Mu.	271	39	
	8	51.24	5			24.06			51.9	Mer.	236	66	
	9	51.26	5			24.18			55.0	Tr.	258	42	
7592	10.11	49.22	2	10	8	24.87	33	10	17.8	Mu.	240	22	
7593	10	49.28	2	10	8	26.06	24	36	19.3	Mu.	249	17	
7594	5.6	49.21	3	10	8	26.51	41	22	50.6	Tr.	222	68	
7595	9	51.23	3	10	8	30.79[11]	19	5	40.8	Mu.	271	40	[11] Two of five threads rejected; R. A.=32^s.01, 30^s.41.
	8	51.24	5			30.94			42.2	Mer.	236	67	
7596	8	49.21	3	10	8	46.53	35	46	21.5	Mer.	168	84	
	6.5	49.22	2			46.70			26.4	Mu.	238	73	
7597	8.9	46.30	7	10	8	48.56	43	43	25.8	Mer.	12	6	
7598	8.9	48.25	2	10	8	52.34[12]	26	42	6.0	Mu.	162	6	[12] Separate threads give 51^s.95, 52^s.72.
	8	47.28	2			52.93			5.8	Mer.	93	11	
7599	9	47.29	1	10	8	56...[13]	27	40	53.4	Mu.	110	3	[13] R. A. rejected; see note 3, page xxix.
	9	47.27	1			56.24			48.8[14]	Mu.	105	50	[14] Decl. changed five rev. north.
7600	8	47.18	4	10	8	56.50[15]	30	44	....	Mer.	87	43	[15] One of five threads rejected; R. A.=55^s.25.
	8	47.27	3			56.67			9.5	Tr.	107	26	
7601	8	47.20	1	10	8	56.97	30	27	23.2[16]	Mer.	88	12	[16] Decl. changed ten rev. south.
	9	47.23	3			57.09			23.5	Mu.	103	60	
7602	9	46.30	4	10	8	57.40	34	44	8.4	Mu.	9	17	
	7.8	49.25	3			57.60			9.5	Mu.	244	7	
7603	9	51.18	5	10	8	58.87	21	54	36.0	Tr.	251	1	
	9	51.17	5			58.91			38.2	Tr.	250	8	
	9	51.22	5			59.13			38.5	Mu.	270	12	
7604	9	46.32	2	10	8	59.20	32	32	3.3	Mu.	11	12	
7605	8	46.30	2	10	9	0.49	33	45	34.3	Mu.	10	17	
7606	8	48.23	1	10	9	5.15	25	50	57.9	Mu.	160	25	
	10	48.24	3			5.49			58.0	Tr.	162	38	
	..	48.18	1			5.85			63.3	Mu.	159	25	
7607	8	47.23	4	10	9	5.91[17]	31	25	52.7[18]	Mer.	90	70	[17] One of five threads rejected; R. A.=6^s.72.
	8.9	47.27	3			6.36			53.6	Mu.	107	62	[18] Decl. changed one rev. south.
7608	10	49.22	2	10	9	8.24	31	54	58.8	Tr.	225	76	
7609	8	46.29	1	10	9	11.86	38	32	47.2	Mu.	5	18	
	9	49.22	1			11.88			42.9	Tr.	223	66	
7610	9	47.26	3	10	9	14.13	27	52	14.4	Mu.	104	43	
	7	49.28	2			14.22			15.0	Mer.	178	3	
	7.8	47.29	4			14.33			14.8	Mu.	110	4	
	6	47.27	1			14.34			14.4	Mu.	105	51	
	7	47.10	2			14.62			15.3	Mer.	84	236	
7611	4[19]	51.23	5	10	9	20.73	21	20	47.0	Tr.	255	52	[19] BD gives mag. 9.0.
	11	51.23	5			20.81			40.4	Tr.	256	73	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
7612	8	47.28	1	10	9	21.11	26	57	43.6	Mer.	93	12	
	9	47.26	3			21.34			50.5	Tr.	106	5	
	8	49.26	3			21.39			49.0	Mer.	174	54	
	9	47.26	2			21.50			47.2	Tr.	105	18	
7613	9	46.27	1	10	9	23.07	39	35	44.4	Mu.	2	16	
	8	46.28	2			23.55			45.1	Mu.	3	3	
	9	46.28	1			23.58			45.7	Tr.	5	14	
7614	4	51.27	5	10	9	23.17	18	33	46.5	Tr.	259	45	
7615	9	47.26	2	10	9	27.54	28	13	53.8	Mu.	104	44	
7616	8	51.17	5	10	9	36.91	21	44	12.8	Tr.	250	9	
	8	51.22	5			36.98			9.0	Mu.	270	13	
7617	7	51.22	5	10	9	39.33	19	55	21.0	Tr.	253	29	
	5	51.24	5			39.33			22.9	Mu.	274	51	
	5	51.27	5			39.55			22.4	Mer.	237	5	
7618	10	47.29	2	10	9	40.89	29	39	57.8	Tr.	109	31	
7619	9	51.24	5	10	9	42.54	19	44	48.1	Mer.	236	68	
7620	8	46.30	1	10	9	44.76	33	46	52.1	Mu.	10	18	
7621	10	49.29	3	10	9	45.52	23	55	44.9	Mer.	179	7	
	10	51.23	5			45.65			46.5	Mu.	273	43	
7622	7	46.29	3	10	9	48.22	36	9	50.3	Mu.	8	18	
7623	7	47.27	3	10	10	10.24	28	55	19.8	Mer.	91	23	
	9	47.30	2			10.36			21.6	Tr.	111	4	
7624	9	49.22	3	10	10	11.14[1]	33	22	49.7	Mu.	240	23	[1] One of four threads rejected; R. A. = 10^s.42.
7625	8	47.20	1	10	10	11.53	30	10	29.5	Mer.	88	13	
	9	47.23	3			11.76			31.4	Mu.	103	61	
7626	10	49.28	1	10	10	15.17	39	53	18.1	Mu.	248	23	
7627	11	49.25	1	10	10	16.42	35	6	28.1	Mu.	244	8	
7628	9.10	49.28	3	10	10	18.47	24	19	54.0	Mu.	249	19	
	8	49.25	3			18.75			52.7	Tr.	229	1	
7629	9	48.18	2	10	10	19.70[2]	26	6	58.2	Mer.	224	45	[2] R. A. decreased one thread interval.
	9.10	49.26	3			19.87			56.4	Mu.	245	37	
7630	9	49.21	3	10	10	24.67	35	49	42.4	Mer.	168	85	
	8	49.22	2			24.73			39.4[3]	Mu.	238	74	[3] Decl. changed five rev. north.
7631	9	49.26	2	10	10	27.08	24	57	56.7	Tr.	230	38	
7632	9	49.22	2	10	10	29.58	31	56	27.1	Tr.	225	77	
7633	8.9	48.24	3	10	10	31.72	23	7	47.9[4]	Mer.	120	27	[4] Decl. changed one rev. south.
	5	49.29	2			31.77			42.6	Mu.	251	15	
7634	7	51.23	5	10	10	35.00	20	50	33.3[5]	Mer.	235	95	[5] Decl. changed three wire intervals south.
	7	51.30	5			35.18			....	Tr.	261	5	
	7	51.23	5			35.23			36.1	Mer.	234	71	
	6	51.22	3			35.46			35.7	Mer.	233	27	
7635	9	51.18	5	10	10	37.77[6]	21	54	33.3	Tr.	251	2	[6] R. A. decreased 1 sec. No chronograph tape found.
	8	51.22	5			37.78			32.1	Mu.	270	14	
7636	7	46.30	2	10	10	43.09	33	40	0.3	Mu.	10	19	
7637	7	51.23	4	10	10	45.63[7]	20	16	34.8	Mer.	235	96	[7] One of five threads rejected; R. A. = 46^s.13.
	6	51.23	5			45.84			32.7	Mer.	234	72	
	5	51.24	5			46.12			37.7	Mu.	274	52	
	5	51.22	4			46.24			36.2	Mer.	233	28	
7638	10	49.22	2	10	10	51.67	32	54	9.2	Mu.	240	24	
7639	8	49.28	1	10	10	54.51	24	44	50.8	Mer.	177	24	
	9	49.26	1			54.78			48.2	Tr.	230	39	
7640	6	47.27	1	10	10	55.78	28	29	10.6	Mer.	91	24	
7641	7	49.26	4	10	10	58.14	26	48	13.7	Mer.	174	55	
	8	48.25	3			58.15			18.3	Mu.	162	7	
	9	47.26	2			58.19			18.3	Tr.	106	6	
	9	47.26	2			58.20			17.7	Tr.	105	19	
	8	47.28	3			58.27			16.2	Mer.	93	13	
7642	7	47.26	5	10	11	15.18	28	14	34.9	Mu.	104	45	
	6	47.28	3			15.47			....	Mer.	92	17	
7643	..	51.24	4	10	11	15.49[8]	19	44	39.3	Mer.	236	69	[8] One of five threads rejected; R. A. = 14^s.61.
7644	8	48.18	3	10	11	15.71	26	26	39.0	Mer.	224	46	
	9	49.26	3			15.74			40.7	Mu.	245	38	
	8	48.24	1			16.04			37.1	Mu.	161	24	
7645	8	49.29	1	10	11	17.63	22	58	46.4	Mu.	251	16	
7646	8	51.18	5	10	11	19.45	22	0	29.2	Tr.	251	3	
	9	51.17	5			19.49			25.7	Tr.	250	10	
7647	11	51.23	5	10	11	24.74	20	46	10.8	Mer.	234	73	
7648	8	48.23	2	10	11	27. . .[9]	25	44	59.9	Mu.	160	26	[9] Separate threads give 27^s.15, 26^s.15. Gou gives 27^s.4.
	9	48.24	2			27.33			62.2	Tr.	162	39	
	9	48.18	2			27.43			56.3	Mu.	159	26	
7649	10	46.27	2	10	11	39.29	39	29	25.4	Mu.	2	17	
	8.9	46.28	2			39.42			23.7	Mu.	3	4	
	10	46.27	7			39.73			21.6	Tr.	4	7	
	9	46.28	1			39.78			22.6	Tr.	5	15	
	8	46.28	2			40.65			26.0	Mu.	4	15	
7650	8.9	49.28	2	10	11	39.98	39	49	21.0	Mu.	248	24	
7651	9	49.28	2	10	11	42.71	24	59	58.4	Mer.	177	25	
7652	5	51.23	5	10	11	46.55	22	25	52.1	Tr.	254	67	
	8	48.23	3			46.56			60.4[10]	Mer.	119	24	[10] Decl. changed one wire interval and four rev. north.
7653	8	51.23	5	10	11	51.03	19	33	37.6	Mu.	271	41	
	7	51.26	5			51.09			39.9	Tr.	258	43	
	8	51.24	4			51.15			36.5	Mer.	236	70	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
7654	8	47.29	2	10	11	51.67[1]	27	31	2.2	Mu.	110	5	[1] One of three threads rejected; see note 3, page XXIX.
	8	49.28	2			51.89			0.4	Mer.	178	4	
	9	49.26	2			52.02			2.2	Mer.	174	56	
	8	47.27	2			52.12			4.4	Mu.	105	52	
7655	8	49.22	2	10	11	53.09	31	47	18.5	Tr.	225	78	
7656	8.9	49.28	2	10	11	53.51	39	44	28.3	Mu.	248	25	
7657	8	46.30	5	10	11	57.02	35	0	38.6	Mu.	9	18	
	8.7	49.25	3			57.15			38.5	Mu.	244	9	
7658	9	47.27	2	10	11	57.49	31	0	36.6	Mu.	107	63	
7659	8	49.28	3	10	11	59. . .[2]	27	41	12.2	Mer.	178	5	[2] Separate threads give $59^{s}.78$, $59^{s}.03$, $58^{s}.19$.
	7	47.27	1			59.39			13.6[3]	Mu.	105	53	[3] Decl. changed five rev. north.
	8	47.29	3			59.39			15.9	Mu.	110	6	
7660	8	51.23	4	10	11	59.65[4]	21	13	6.2	Tr.	255	53	[4] Last thread recorded as $21^{s}.00$, rejected, and first four reduced as threads II, III, IV, V. No chronograph tape found.
	8	51.23	5			59.72			2.4	Tr.	256	74	
	7	51.23	5			59.77			2.3	Mu.	272	33	
7661	. .	48.23	2	10	12	1.03	22	24	60.4[5]	Mer.	119	25	[5] Decl. changed two wire intervals south and four rev. north.
	8	51.23	5			1.53			47.4	Tr.	254	68	
7662	6	46.29	3	10	12	2.46	36	3	19.2	Mu.	8	19	
	7	49.21	5			2.81			17.5	Mer.	168	86	
	5	49.22	1			2.83			15.9	Mu.	238	75	
7663	10	49.26	1	10	12	3.52	24	50	48.9	Tr.	230	40	
	9	49.28	1			3.56			49.9	Mer.	177	26	
7664	6	49.21	3	10	12	5.33	40	55	9.8	Tr.	222	69	
7665	8	46.32	2	10	12	8.69	32	29	49.2	Mu.	11	13	
7666	8	46.32	2	10	12	12.68	32	27	45.9	Mu.	11	14	
7667	8	47.28	3	10	12	14.04	28	12	. . . .	Mer.	92	18	
	9.10	47.26	2			14.21			36.0	Mu.	104	46	
7668	10	51.24	5	10	12	20.06	19	45	15.1	Mu.	274	53	
7669	8	49.22	1	10	12	21.89	35	39	19.4	Mu.	238	76	
	8	49.21	1			22.53			18.6	Mer.	168	87	
7670	9.10	49.28	3	10	12	24.06	24	32	12.2	Mu.	249	20	
	9	49.25	3			24.62			9.9	Tr.	229	2	
7671	7	46.30	3	10	12	30.44	33	52	0.1	Mu.	10	20	
7672	8	47.27	2	10	12	41.93	28	40	20.9	Mer.	91	25	
7673	9	47.27	2	10	12	42.68	31	8	18.0	Mu.	107	64	
7674	9	49.25	2	10	12	43.09	24	28	46.3	Tr.	229	3	
	9.10	49.28	2			43.17[6]			49.6	Mu.	249	21	[6] One thread decreased one thread interval.
7675	6	51.22	5	10	12	43.54	21	46	20.6	Mu.	270	15	
	8	51.17	5			43.55			17.6	Tr.	250	12	
	8	51.18	5			43.61			17.5	Tr.	251	4	
7676	7	51.17	5	10	12	44.43	22	13	13.1	Tr.	250	11	
	7	49.29	2			44.76			12.6	Tr.	237	1	
7677	9.10	49.26	4	10	12	44.55	26	25	60.6	Mu.	245	39	
	9	49.28	1			44.63			59.6	Tr.	233	1	
	8	48.24	1			44.71			61.2	Mu.	161	25	
	9	48.18	3			44.78			61.2	Mer.	224	47	
7678	9	51.23	5	10	12	48.74	20	35	44.9	Mer.	235	98	
	9	51.22	4			49.00[7]			46.2	Mer.	233	29	[7] One of five threads rejected; R. A. $=49^{s}.66$.
	10	51.30	5			49.21			. . . .	Tr.	261	6	
7679	7	47.20	4	10	12	49.52	30	14	40.2	Mer.	88	14	
	9	47.23	4			50.43			41.7	Mu.	103	62	
7680	8.9	47.28	1	10	12	53.92	28	12	. . . .	Mer.	92	19	
	9.10	47.26	2			54.57			37.8	Mu.	104	47	
7681	10	51.23	5	10	12	54.54	20	28	23.8	Mer.	234	74	
	8	51.23	5			54.56			19.4	Mer.	235	97	
	7	51.22	5			55.05			21.8[8]	Mer.	233	30	[8] Decl. changed three wire intervals north.
7682	9	49.22	2	10	12	59.80	31	58	57.0	Tr.	225	79	
7683	8	46.30	1	10	13	3.84[9]	33	40	1.8	Mu.	10	21	[9] R. A. increased 1 min. and one thread interval.
7684	10	49.29	1	10	13	8.33	23	0	26.5	Mu.	251	17	
7685	5	51.23	5	10	13	8.99	22	21	4.1	Tr.	254	69	
7686	7	49.26	3	10	13	10.58	26	47	46.6	Mer.	174	57	
	9	48.25	3			10.68			47.2	Mu.	162	8	
	10	47.26	1			10.70			45.0	Tr.	106	7	
	8	47.28	3			11.11[10]			48.9	Mer.	93	14	[10] Two of five threads rejected; R. A. $=9^{s}.66$, $7^{s}.40$.
7687	8	51.18	5	10	13	10.93	21	52	8.9	Tr.	251	5	
7688	10	51.23	5	10	13	12.72	22	23	57.4	Tr.	254	70	
7689	7	47.27	1	10	13	14.83	27	54	60.7	Mu.	105	54	
	8	49.28	2			14.97			58.4	Mer.	178	6	
7690	9	46.28	4	10	13	17.13	44	53	42.5	Mer.	3	10	
7691	8	47.27	3	10	13	18.39	30	51	49.0	Tr.	107	27	
	8	47.18	2			18.64[11]			. . . .	Mer.	87	44	[11] R. A. decreased 1 min. One of three threads rejected; R. A. $=17^{s}.22$.
7692	. .	47.18	2	10	13	24.39[12]	30	49	. . . .[13]	Mer.	87	45	
	7	47.27	2			24.45			54.4	Tr.	107	28	[12] R. A. decreased 1 min. One of three threads rejected; R. A. $=23^{s}.29$.
7693	8	46.30	2	10	13	25.02	33	45	37.1	Mu.	10	22	
7694	6	46.32	3	10	13	29.14	32	22	36.4	Mu.	11	15	[13] Decl. changed one wire interval north.
7695	9	48.24	3	10	13	30.21	22	53	8.2	Mer.	120	28	
	7	49.29	1			30.24			10.4	Mu.	251	18	
7696	9	49.14	7	10	13	35.86	38	57	. . . .	Tr.	216	10	
	6	46.29	4			35.96			2.9	Mu.	5	19	
7697	9	47.29	2	10	13	40.60	29	45	29.4	Tr.	109	32	
	8	47.30	4			40.64			27.6	Mer.	95	11	
	8.9	47.28	3			40.66			32.8	Mu.	109	16	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
7698	7	49.22	2	10	13	43.58	35	26	57.6	Mu.	238	77	
	9	49.21	2			43.70			63.3	Mer.	168	88	
7699	6	47.23	1	10	13	47.82	31	3	49.0	Mer.	90	71	
	7	47.27	5			47.97			46.3	Mu.	107	65	
7700	9	49.25	1	10	13	51.36	35	7	20.0	Mu.	244	10	
7701	9.10	49.22	3	10	14	5.27	32	52	37.8[1]	Mu.	240	25	[1] Decl. changed one rev. south.
7702	8	51.23	5	10	14	6.54[2]	21	11	53.5	Mu.	272	34	[2] Last four threads decreased 1 sec. each. No
	8	51.23	5			6.63			55.1	Tr.	255	54	chronograph tape found.
7703	..	51.23	5	10	14	6.73	20	18	34.0[3]	Mer.	234	75	[3] Decl. changed ten wire intervals north.
7704	8	51.22	5	10	14	6.99	20	7	44.4	Tr.	253	30	
	9	51.27	5			7.30			34.8	Mer.	237	6	
7705	7.6	49.26	2	10	14	21. . .[4]	24	37	7.1	Tr.	230	41	[4] Separate threads give $20^s.74$, $21^s.56$.
	6	49.28	3			21.09			9.4	Mer.	177	27	
	7	49.28	5			21.10			8.8	Mu.	249	22	
	7.8	49.25	2			21.30			8.7	Tr.	229	4	
7706	9	46.28	1	10	14	22.40	39	37	52.6	Tr.	5	16	
7707	8.9	48.24	2	10	14	25. . .[5]	22	57	33.7[6]	Mer.	120	29	[5] Separate threads give $26^s.83$, $25^s.90$. Gou
	6.5	49.29	1			25.61			28.2	Mu.	251	19	gives $25^s.5$.
7708	9	48.18	2	10	14	25. . .[7]	25	30	28.9	Mu.	159	27	[6] Decl. changed one rev. south.
	7	48.23	2			25.66[8]			26.5	Mu.	160	27	[7] Separate threads give $26^s.87$, $25^s.91$.
	9	48.24	4			25.67			29.8	Tr.	162	40	[8] One thread decreased one thread interval.
7709	8	46.30	2	10	14	27.02	34	2	5.7	Mu.	10	23[9]	Separate threads give $26^s.05$, $25^s.27$.
7710	6	51.17	5	10	14	30.38	21	46	30.5	Tr.	250	13	[9] Unidentified. Looked for with equatorial but
	7	51.18	4			30.63[10]			30.0	Tr.	251	6	not found.
	9	51.22	5			30.66			26.8	Mu.	270	16	[10] One of five threads rejected; R. A. = $29^s.74$.
7711	9	49.28	2	10	14	36.33	24	44	23.9	Mer.	177	28	
7712	9	46.29	1	10	14	39.52	36	22	45.0	Mu.	8	20	
7713	7	47.27	2	10	14	40.37	27	31	24.5	Mu.	105	55	
	7	49.28	4			40.40			26.6	Mer.	178	7	
	8.9	47.29	3			40.41[11]			25.0	Mu.	110	7	[11] One of four threads rejected; see note 3, page
	8	49.26	4			40.53			27.5	Mer.	174	58	xxix.
7714	9	47.30	1	10	14	40.70	29	29	40.8	Mer.	95	12	
7715	7	47.30	2	10	14	40.72	29	11	6.3	Tr.	111	5	
	8	47.28	3			40.75			2.5	Mu.	109	17	
7716	11	49.21	2	10	14	46.04	35	55	10.9	Mer.	168	89	
7717	11	49.28	1	10	14	46.28	40	20	40.2	Mu.	248	26	
7718	5	51.23	5	10	14	48.54	23	40	54.7	Mu.	273	44	
	6.7	49.29	5			48.63[12]			52.1	Mer.	179	8	[12] One of six threads rejected; R. A. = $47^s.80$.
7719	8	46.28	1	10	14	49.38	39	42	24.5	Mu.	4	16	
	7	46.28	5			49.71			27.7	Mu.	3	5	
	10	46.27	1			49.77			24.3	Mu.	2	18	
	9	46.28	1			49.90			26.3	Tr.	5	17	
7720	9	51.22	5	10	14	52.33	19	49	17.0	Tr.	253	31	
	7	51.27	5			52.35			16.4	Mer.	237	7	
	5	51.24	5			52.39			18.4	Mu.	274	54	
	..	51.24	5			52.56			11.7[13]	Mer.	236	71	[13] Decl. changed five rev. south.
7721	10	49.29	2	10	14	58.91	22	34	57.5	Tr.	237	2	
7722	10	46.30	2	10	14	59.40[14]	43	47	8.5	Mer.	12	7	[14] R. A. decreased one thread interval.
7723	7	51.23	5	10	15	1.19	20	31	14.5	Mer.	235	99	
	7	51.23	5			1.36			16.7	Mer.	234	76	
	6	51.22	4			1.59			14.4	Mer.	233	31	
7724	6	51.24	5	10	15	2.78	19	6	45.8	Mer.	236	72	
7725	9	51.22	4	10	15	3.45[15]	19	55	31.0	Tr.	253	32	[15] One of five threads rejected; R. A. = $2^s.95$.
7726	8	47.20	2	10	15	6. . .[16]	29	55	49.8	Mer.	88	15	[16] Separate threads give $5^s.83$, $6^s.66$. GZ gives
	8	47.29	2			6.82			44.5	Tr.	109	33	$6^s.8$.
	9	47.23	3			6.97			46.8	Mu.	103	63	
7727	9	49.22	2	10	15	15.71	31	52	7.1	Tr.	225	80	
7728	9	49.22	1	10	15	19.16	31	47	58.7	Tr.	225	81	
7729	10	49.25	3	10	15	21.64	35	28	8.0	Mu.	244	11	
	7	49.22	2			21.75			4.0	Mu.	238	78	
	7	49.21	1			21.84			6.2	Mer.	168	90	
7730	8	47.18	2	10	15	23.43[17]	30	45	. . . .	Mer.	87	46	[17] R. A. decreased one thread interval.
7731	8	47.30	2	10	15	28.96	28	48	7.3	Tr.	111	6	
	6	47.27	3			29.23			9.2	Mer.	91	26	
7732	9.10	47.27	2	10	15	30.48	31	39	40.3	Mu.	107	66	
	..	47.23	1			30.77			34.7	Mer.	90	72	
7733	10	49.26	2	10	15	32.60	26	5	26.7	Mu.	245	40	
7734	9	51.27	5	10	15	34.81	18	40	42.9	Tr.	259	46	
7735	9.10	47.27	1	10	15	36.52	31	36	. . . .	Mu.	107	67	
7736	9	46.28	3	10	15	37.78	45	7	1.6	Mer.	3	11	
7737	7	47.20	2	10	15	43.30[18]	29	54	2.0	Mer.	88	16	[18] R. A. increased 10 sec.
	7.8	47.29	2			43.41			4.0	Tr.	109	34	
	9	47.23	4			43.43			3.9	Mu.	103	64	
7738	9.10	47.27	2	10	15	47. . .[19]	31	37	12.9	Mu.	107	68	[19] Separate threads give $47^s.53$, $48^s.35$. GZ
7739	10	51.23	3	10	15	50.83	20	33	35.9	Mer.	235	100	gives $48^s.4$.
7740	9	49.26	3	10	15	51.37	25	55	2.7	Mu.	245	41	
	9	48.23	1			51.44			0.7	Mu.	160	28	
	9	49.28	2			51.80			0.7	Tr.	233	2	
	7	48.18	3			52.13			0.4	Mer.	224	48	[20] Separate threads give $53^s.94$, $52^s.97$. Gou
7741	5.6	49.21	2	10	15	53. . .[20]	40	53	51.8	Tr.	222	70	and GZ give $54^s.1$.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
7742	9	49.26	1	10	15	54.86	26	53	54.5	Mer.	174	60	
7743	8	47.28	3	10	15	55.88	27	15	32.3	Mer.	93	15	
	7	49.28	3			55.89			28.8	Mer.	178	8	
	8.9	47.29	2			55.95[1]			30.6	Mu.	110	8	[1] One of three threads rejected; see note 3, page xxix.
	9	48.25	2			56.00[2]			32.7	Mu.	162	9	
	7	49.26	4			56.10			31.3	Mer.	174	59	[2] R. A. decreased one thread interval.
	8	47.27	2			56.18			31.5	Mu.	105	56	
7744	5	51.23	5	10	15	55.98	23	34	34.9[3]	Mu.	273	45	[3] Decl. changed one rev. south.
	6	49.29	3			56.05			35.2	Mer.	179	9	
	7.6	49.29	3			56.05			38.8	Mu.	251	20	
7745	11	49.28	1	10	15	59.39	40	13	31.3	Mu.	248	27	
7746	10	49.22	2	10	15	59.51	38	14	55.2	Tr.	223	67	
7747	10	49.22	2	10	16	3.72	32	51	32.8	Mu.	240	26	
7748	9	51.22	5	10	16	8.01	22	4	48.5	Mu.	270	17	
7749	10	49.28	2	10	16	11.65	24	55	44.4	Mer.	177	29	
7750	8	49.22	1	10	16	11.68	35	40	12.0	Mu.	238	79	
7751	10	51.23	5	10	16	13.32	21	31	34.1	Tr.	255	55	
7752	8	49.22	2	10	16	19.97	31	47	56.3	Tr.	225	82	
7753	7	47.28	4	10	16	20.64	29	24	17.0	Mu.	109	18	
	7	47.30	4			20.77			12.4	Mer.	95	13	
7754	7	51.26	5	10	16	29.25	19	28	50.8	Tr.	258	44	
	7	51.23	5			29.26			46.6	Mu.	271	42	
	8	51.24	5			29.43			47.4	Mer.	236	73	
7755	8	48.18	2	10	16	30. . .[4]	25	17	62.6	Mu.	159	28	[4] Separate threads give $30^{s}.94$, $30^{s}.02$. Gou gives $30^{s}.3$.
	6.7	49.28	3			30.40			61.3[5]	Mer.	177	30	
	7	49.26	2			30.95[6]			59.8	Tr.	230	42	[5] Decl. changed one wire interval south.
7756	8	51.23	5	10	16	33.26	22	42	33.3	Tr.	254	71	[6] One of three threads rejected; R. A.=$30^{s}.19$.
	9	49.29	2			33.43			34.4	Tr.	237	3	
7757	7	51.26	5	10	16	33.86	19	9	43.4	Tr.	258	45	
7758	9	47.27	1	10	16	37.92	28	41	. . . .	Mer.	91	27	
7759	10	49.22	2	10	16	38.91	32	56	41.0	Mu.	240	27	
7760	9	47.28	2	10	16	39.79[7]	29	20	46.5	Mu.	109	19	[7] One thread as originally recorded, decreased 10 sec.
7761	9.10	47.26	3	10	16	40.03	28	22	49.5	Mu.	104	48	
	8	47.28	4			40.37			. . . .	Mer.	92	20	
7762	10	51.23	5	10	16	40.22	21	26	2.8	Tr.	255	56	
7763	8	47.20	2	10	16	44. . .[8]	30	10	5.0	Mer.	88	17	[8] Separate threads give $44^{s}.18$, $45^{s}.56$. Gou gives $44^{s}.4$.
	9	47.23	2			44.55			6.3	Mu.	103	65	
7764	7	49.22	2	10	16	47.02	35	37	37.6	Mu.	238	80	
7765	7.6	49.28	2	10	16	48.04	39	56	16.0	Mu.	248	28	
7766	10	49.22	2	10	16	48.95	32	57	40.2	Mu.	240	28	
7767	8	46.30	2	10	16	56. . .[9]	33	30	43.0	Mu.	10	24	[9] Separate threads give $56^{s}.41$, $55^{s}.49$. GZ gives $56^{s}.4$.
7768	8	47.28	1	10	16	56.76	29	31	29.7	Mu.	109	20	
	6.7	47.29	2			56.88			28.9	Tr.	109	35	
	8	47.30	3			56.91			36.7	Mer.	95	14	
7769	9	47.27	1	10	16	59.97	30	47	53.2	Tr.	107	29	
	. .	47.18	1			60.60			. . . .	Mer.	87	47	
7770	6	47.27	1	10	17	2.08	28	53	. . . .[10]	Mer.	91	28	[10] Decl. changed one wire interval north.
	7	47.30	3			2.08			30.0	Tr.	111	7	
7771	10	47.27	2	10	17	11.11	30	46	18.0	Tr.	107	30	
	. .	47.18	1			11.62[11]			. . . .	Mer.	87	48	[11] Minute assumed.
7772	5	51.23	5	10	17	14.67	23	51	4.4	Mu.	273	46	
	7	49.29	5			14.72			5.7	Mer.	179	10	
7773	8.9	48.25	1	10	17	14.71	26	40	6.0	Mu.	162	10	
	9	48.18	3			15.74			4.6	Mer.	224	49	
	9	47.26	2			15.77			5.8	Tr.	106	8	
	9	49.26	1			15.81			6.3	Mu.	245	42	
	8	47.28	2			15.86			8.5	Mer	93	16	
	9	47.26	2			15.93			5.5	Tr.	105	20	
7774	9	51.24	5	10	17	15.66	19	12	59.8	Mer.	236	74	
7775	6	49.21	3	10	17	16.24	41	11	42.2	Tr.	222	71	
7776	8	51.22	5	10	17	22.53	21	43	9.8	Mu.	270	18	
7777	9	51.18	5	10	17	23.22	22	4	19.6	Tr.	251	7	
7778	8.9	49.28	3	10	17	25.34	24	48	31.0	Mu.	249	23	
	8	49.28	3			25.52			28.9	Mer.	177	31	
	6	49.26	2			25.64			30.6	Tr.	230	43	
7779	10	46.30	2	10	17	27.46[12]	43	29	2.1	Mer.	12	8	[12] One of three threads rejected; R. A.=$28^{s}.14$.
7780	8.9	51.23	5	10	17	34.51	20	46	9.0[13]	Mer.	235	101	[13] Decl. changed two wire intervals south.
	10	51.23	5			34.70			9.5	Mer.	234	77	
	9	51.22	4			34.81			13.7	Mer.	233	32	
	7	51.30	5			34.81			. . . .	Tr.	261	7	
7781	9	46.30	3	10	17	36.35[14]	34	53	20.8	Mu.	9	19	[14] One thread decreased 10 sec.
	9	49.25	2			36.54[15]			18.4	Mu.	244	12	[15] One thread increased 10 sec.
7782	9	49.28	1	10	17	42.86	26	9	24.7	Tr.	233	4	
7783	9	49.28	1	10	17	45.58	24	39	24.9	Mer.	177	32	
7784	8.9	48.25	1	10	17	45.74	26	31	1.4	Mu.	162	11	
	9	49.26	2			46.31			4.5	Mu.	245	43	
	9	48.24	1			46.44			2.2	Mu.	161	26	
	9	49.28	3			46.68			0.9	Tr.	233	3	
	8	48.18	2			46.76			0.6	Mer.	224	50	
7785	7	49.29	1	10	17	47.22	24	12	48.3	Mer.	179	11	
	8	49.25	3			47.59			45.4	Tr.	229	5	
	9	49.28	1			47.60			44.2	Mu.	249	24	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
7786	9	49.26	1	10	17	48.80	25	2	7.3	Tr.	230	44	
7787	9	49.22	2	10	17	50.39	37	49	21.3	Tr.	223	68	
7788	9	51.22	4	10	17	52.26[1]	19	50	53.6	Tr.	253	33	[1] One of five threads rejected; R. A.=$51^s.76$.
7789	7	46.32	4	10	17	53.48	32	43	49.8	Mu.	11	16	
7790	9	47.29	1	10	17	53.57	30	5	15.5	Tr.	109	36	
7791	11.10	49.25	1	10	17	57.76	34	51	56.8	Mu.	244	13	
7792	10	49.26	1	10	17	59.19	27	16	40.8	Mer.	174	62	
	9	47.27	2			59.81			41.7	Mu.	105	57	
7793	8.9	48.25	..	10	18	1. . .	26	51	44.4	Mu.	162	12	
	8	49.26	2			1.66			46.1	Mer.	174	61	
	9	47.26	2			1.75			42.7	Tr.	106	9	
	8	47.28	4			1.88			43.3	Mer.	93	17	
7794	8	47.30	1	10	18	2.47	29	11	31.2	Mer.	95	15	
7795	9	48.18	1	10	18	4.68	25	35	54.7	Mu.	159	29	
	9	48.24	3			5.01			52.4	Tr.	162	41	
7796	8.9	46.30	5	10	18	4.99	40	22	53.5	Mer.	11	6	
	8	49.28	1			5.69			54.1	Mu.	248	29	
7797	8	51.24	4	10	18	5.16[2]	19	2	33.4	Mer.	236	75	[2] One of five threads rejected; R. A.=$4^s.77$.
7798	10	51.23	5	10	18	12.01	22	46	37.7	Tr.	254	72	
	9	49.29	2			12.28			39.2	Tr.	237	4	
7799	10	48.23	1	10	18	21.43	25	50	14.1	Mu.	160	29	
	9	48.18	1			21.90			13.5	Mu.	159	30	
7800	4	51.27	5	10	18	24.59	18	50	25.6	Tr.	259	47	
7801	10	46.27	6	10	18	26.14[3]	39	29	6.1	Tr.	4	8	[3] One of seven threads rejected; R. A.=$26^s.98$.
	12	46.27	3			26.15			15.4	Mu.	2	19	
	9	46.28	2			26.27			12.2	Tr.	5	18	
	9	46.28	2			26.55			15.5	Mu.	3	6	
7802	8	51.23	5	10	18	26.76	21	11	42.1	Tr.	255	57	
	6	51.23	5			26.77			35.7	Mu.	272	35	
	9	51.23	5			26.90			34.6	Tr.	256	75	
7803	6	47.28	5	10	18	29.16	28	25	....	Mer.	92	21	
	8	47.26	5			29.19			61.5	Mu.	104	49	
	5	47.30	2			29.22			59.3[4]	Tr.	111	8	[4] Decl. changed three wire intervals north.
7804	7	51.23	4	10	18	40.74[5]	19	33	51.8	Mu.	271	43	[5] One of five threads rejected; R. A.=$40^s.14$.
	6	51.26	5			40.84			50.0	Tr.	258	46	
7805	10	47.29	1	10	18	44.32	29	54	50.3	Tr.	109	37	
7806	9	49.22	1	10	18	44.71	35	55	27.0[6]	Mu.	238	81	[6] Decl. changed one rev. south.
7807	10	49.22	1	10	18	47.66	37	54	49.7	Tr.	223	69	
7808	9	49.22	4	10	18	53.76	33	0	7.9	Mu.	240	29	
7809	10	49.22	1	10	18	53.98	37	54	49.1	Tr.	223	70	
7810	9	49.22	2	10	18	56.08	31	43	39.0	Tr.	225	83	
7811	9	49.26	2	10	19	4.47	26	13	34.0	Mu.	245	44	
	9	49.28	1			5.21			33.4	Tr.	233	5	
7812	10	49.28	1	10	19	5.75	25	23	14.9	Mer.	177	34	
7813	10	49.25	2	10	19	7.66	24	42	11.2	Tr.	229	6	
7814	9	49.26	2	10	19	8.50	24	56	13.0	Tr.	230	45	
	9	49.28	2			8.66			11.4	Mer.	177	33	
7815	8	51.22	5	10	19	8.79	20	13	52.7[7]	Tr.	253	34	[7] If a correction of 1 sec. each be assumed to the recorded transits, Decl.=66″.8. No chronograph tape found.
	9	51.27	5			8.85			65.0	Mer.	237	8	
	8	51.22	4			9.07[8]			61.1	Mer.	233	33	
7816	9	49.29	2	10	19	15.29	22	38	33.5[9]	Tr.	237	5	[8] One of five threads rejected; R. A.=$8^s.67$.
7817	8	47.30	1	10	19	19.16	29	21	44.7[10]	Mer.	95	16	[9] Decl. changed two rev. north.
	9	47.28	3			19.19			46.3[11]	Mu.	109	21	[10] Decl. changed one wire interval south
7818	7	47.27	2	10	19	22.73	29	5	....	Mer.	91	29	[11] Decl. changed two rev. north.
7819	10	49.25	2	10	19	24.59	24	35	18.8	Tr.	229	7	
7820	8	51.27	5	10	19	26.82	19	41	28.0	Mer.	237	9	
	8	51.23	5			26.88			26.6	Mu.	271	44	
	8	51.26	5			27.04			26.4	Tr.	258	47	
7821	10	51.23	5	10	19	27.59[12]	20	59	27.8[13]	Mer.	234	78	[12] Last four threads decreased 1 sec. each. AW gives $27^s.0$. No chronograph tape found.
7822	9	47.23	3	10	19	28.46	29	52	10.2	Mu.	103	66	
	9	47.29	1			28.70			7.9	Tr.	109	38	[13] Decl. changed one wire interval north.
	8	47.20	3			28.75			13.6	Mer.	88	18	
7823	8	47.30	1	10	19	31.15[14]	29	14	59.0	Mer.	95	17	[14] Minute assumed.
	9	47.28	2			31.42			60.5	Mu.	109	22	
7824	10	51.23	5	10	19	42.11	21	15	54.1[15]	Tr.	255	58	[15] One transit thread rejected; Decl. =44″.9.
7825	7.8	47.23	3	10	19	45. . .[16]	31	29	42.9	Mer.	90	73	[16] Separate threads give $45^s.77$, $45^s.01$, $46^s.43$.
	8.9	47.27	4			46.23			47.7	Mu.	107	69	
7826	8	46.30	2	10	19	49.50[17]	33	56	20.2	Mu.	10	25	[17] R. A. decreased 1 min. One of three threads rejected; R. A.=$50^s.28$. GZ gives $50^s.0$.
7827	8	46.30	2	10	19	50. . .[18]	33	48	39.1[19]	Mu.	10	26	
7828	7	49.22	1	10	19	51.08	38	35	58.2	Tr.	223	71	[18] R. A. decreased 1 min. Separate threads give $50^s.29$, $51^s.32$. GZ gives $51^s.4$.
7829	.9	46.28	3	10	19	53.18	44	46	7.3[20]	Mer.	3	12	
7830	9	49.22	4	10	19	53.61	32	55	14.2	Mu.	240	30	[19] Decl. changed one rev. north.
7831	9	46.28	4	10	19	54.03	44	48	15.3[21]	Mer.	3	13	[20] Decl. interchanged with that of Mer. 3, No. 13.
7832	8	47.30	1	10	19	55.92	29	18	37.0	Mer.	95	18	[21] See note on No. 7829.
	9	47.28	3			56.09			37.1	Mu.	109	23	
7833	8.9	47.27	3	10	19	58.14	31	13	21.8	Mu.	107	70	
7834	9	49.22	2	10	19	59.63	31	44	6.4	Tr.	225	84	
7835	7	49.29	1	10	20	14.61	23	1	12.9	Mu.	251	21	
	9	48.24	2			15.23			16.8[22]	Mer.	120	30	[22] Decl. changed two wire intervals north.
7836	3	47.18	1	10	20	16.40[23]	30	18	....	Mer.	87	49	[23] R. A. increased one thread interval.
	3	47.20	2			17.24			25.5	Mer.	88	19	
	6	47.15	7			17.64			19.7	Mu.	97	1	
	4	47.23	5			17.76[24]			17.5	Mu.	103	67	[24] R. A. decreased 1 min.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
7837	8	51.23	5	10	20	17.21	20	40	43.9[1]	Mer.	235	102	[1] Decl. changed ten rev. north.
	9	51.23	5			17.40			46.1	Mer.	234	80	
	7	51.30	5			17.63			....	Tr.	261	8	
	8	51.22	3			17.75			43.7	Mer.	233	35	
7838	10	51.23	5	10	20	21.65	19	38	34.8	Mu.	271	45	
	9	51.27	5			21.70			29.4	Mer.	237	10	
7839	9	49.29	2	10	20	24.83	22	26	18.2	Tr.	237	6	
	10	51.23	5			25.53			4.8	Tr.	254	73	
7840	10	49.28	1	10	20	25.19	25	54	5.3	Tr.	233	6	
7841	8	51.23	5	10	20	27.62	20	40	5.8[2]	Mer.	235	103	[2] Decl. changed ten rev. north.
	8	51.23	5			27.82			7.5	Mer.	234	79	
	7	51.22	5			28.03			4.6	Mer.	233	34	
	7	51.30	5			28.07			....	Tr.	261	9	
7842	8	46.29	4	10	20	30.61	36	27	15.8	Mu.	8	21	
7843	8	46.30	3	10	20	33.35	40	23	25.7	Mer.	11	7	
	8.9	49.28	1			34.30			28.1	Mu.	248	30	
7844	..	47.27	1	10	20	40.10	29	1	....	Mer.	91	30	
7845	9	49.21	3	10	20	42.25	41	17	21.2	Tr.	222	72	
7846	..	49.29	1	10	20	42.83	23	40	39.8	Mer.	179	12	
7847	11	51.23	5	10	20	44.60	23	55	0.8	Mu.	273	47	
7848	9.8	49.29	1	10	20	45.31	23	6	30.4	Mu.	251	22	
	9	48.24	2			45.39			31.3	Mer.	120	31	
7849	6	46.30	2	10	21	3.16	33	38	1.4	Mu.	10	27	
7850	10	47.30	2	10	21	7.33	28	56	6.8	Tr.	111	9	
	..	47.27	2			7.39[3]			....	Mer.	91	31	[3] R. A. decreased 1 min.
7851	8	49.28	4	10	21	8.72	25	2	39.7	Mer.	177	35	
	9	49.26	2			8.88			39.0	Tr.	230	46	
7852	9	49.22	3	10	21	11.83	33	18	13.0	Mu.	240	31	
7853	9	49.22	2	10	21	11.95	37	56	14.2	Tr.	223	72	
7854	9	46.30	7	10	21	18.74	43	34	43.6	Mer.	12	9	
7855	11	49.25	1	10	21	24.48	24	12	39.8	Tr.	229	8	
7856	..	47.27	1	10	21	26.10	28	44	....	Mer.	91	32	
7857	9	51.18	5	10	21	28.29	22	2	35.9	Tr.	251	8	
	10	51.31	5			28.33			40.6	Tr.	262	1	
7858	9	51.23	5	10	21	29.23	20	46	7.6	Mer.	234	81	
	9	51.30	5			29.56			....	Tr.	261	10	
7859	9	49.21	2	10	21	30.25	41	14	45.9	Tr.	222	73	
7860	8	49.25	2	10	21	32. . .[4]	35	27	16.3	Mu.	244	14	[4] Separate threads give $32^{s}.34$, $31^{s}.16$.
	7.6	49.22	3			32.05			14.2[5]	Mu.	238	82	[5] Decl. changed one rev. south.
	8	49.21	7			32.24			15.0	Mer.	168	91	
	7.8	46.30	3			32.36[6]			16.6	Mu.	9	20	[6] One of four threads rejected; R A. $=31^{s}.16$.
7861	..	49.29	1	10	21	33.57	23	37	45.5	Mer.	179	13	
7862	8	46.30	1	10	21	36.05	33	31	25.4	Mu.	10	28	
	10	49.22	1			36.57[7]			35.2	Mu.	240	32	[7] R. A. decreased 10 sec.
7863	8	51.22	5	10	21	37.14	21	53	38.1	Mu.	270	19	
7864	..	49.29	1	10	21	38.44[8]	23	40	1.9	Mer.	179	15	[8] Minute assumed, and R. A. combined with Decl. of Mer. 179, No. 14, of which the single transit thread, somewhat doubtful and therefore rejected, is supposed to belong to Mer. 179, No. 13.
	8	51.23	5			38.59			0.0	Mu.	273	48	
7865	8	47.28	3	10	21	38.94	26	35	27.6	Mer.	93	18	
	9	49.26	2			39.07			24.6	Mu.	245	45	
	9	47.26	2			39.17			23.6	Tr.	106	10	
	9	48.18	3			39.17			23.0	Mer.	224	51	
	8	48.24	1			39.23			26.4	Mu.	161	27	
	9	49.28	2			39.39			24.4	Tr.	233	7	
	9	48.25	2			39.40			23.3	Mu.	162	13	
7866	10	49.28	3	10	21	40.74	27	51	20.6	Mer.	178	9	
	9	47.27	1			41.16			15.1	Mu.	105	58	
7867	9	51.23	5	10	21	53.51	21	29	14.6	Tr.	256	76	
	8	51.23	5			53.52			16.7	Tr.	255	59	
	7	51.23	5			53.77			13.8	Mu.	272	36	
7868	10	49.29	2	10	21	56.72	22	33	28.8	Tr.	237	7	
7869	9	49.28	2	10	21	58.18	24	48	3.8	Mer.	177	36	
	9	49.26	1			58.38			0.7	Tr.	230	47	
7870	8	51.18	5	10	22	0.25	21	49	39.5	Tr.	251	9	
	9	51.31	5			0.28			40.6	Tr.	262	2	
	8	51.17	4			0.43[9]			37.3	Tr.	250	14	[9] One of five threads rejected; R. A. $=59^{s}.88$.
7871	9	49.22	2	10	22	4.16	38	7	27.8	Tr.	223	73	
7872	9	46.28	1	10	22	6.40	39	16	33.3[10]	Mu.	3	7	[10] Decl. changed twenty-five rev. north.
7873	9	49.28	2	10	22	7.30	27	42	45.8	Mer.	178	10	
	8	47.27	1			8.61			48.3	Mu.	105	59	
	8.9	47.29	4			8.61			49.0	Mu.	110	9	
7874	9	47.28	1	10	22	8.97[11]	28	8	....	Mer.	92	22	[11] R. A. decreased one thread interval.
7875	9	47.23	2	10	22	10.46[12]	31	31	26.1	Mer.	90	74	[12] One of three threads rejected; R. A. $=3^{s}.14$.
	9	47.27	3			10.53			28.1	Mu.	107	71	
	8	49.22	3			11.00			26.8	Tr.	225	85	
7876	9	48.18	3	10	22	11.86	26	6	11.8	Mer.	224	52	
	9	49.26	1			11.93			6.4	Mu.	245	46	
	9	49.28	2			12.24			2.7	Tr.	233	8	
7877	8	46.30	1	10	22	13.46	33	34	23.4	Mu.	10	29	
7878	12	46.27	3	10	22	18.13	39	29	8.6	Mu.	2	20	
	10	46.28	1			18.84			12.7	Tr.	5	19	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
7879	10	48.24	1	10	22	20.40[1]	22	55	6.5[2]	Mer.	120	32	[1] R. A. increased one thread interval.
7880	9	46.29	1	10	22	24.31	36	8	25.6	Mu.	8	22	[2] Decl. changed one rev. north.
7881	9	47.23	2	10	22	24.94[3]	29	46	25.3	Mu.	103	68	[3] Assumed that thread V of Mu. 103, No. 69, and thread VI of Mu. 103, No. 68, were interchanged in recording.
	8	47.30	1			25.07			25.2	Mer.	95	19	
	9	47.29	2			25.31			22.9	Tr.	109	39	
	9	47.28	3			25.40			26.5	Mu.	109	24	
	8	47.20	2			25.57[4]			26.2	Mer.	88	20	[4] R. A. decreased 1 min.
7882	8	46.29	5	10	22	27.91	37	17	32.8	Tr.	9	3	
7883	5	51.23	5	10	22	29.77	21	28	48.6	Mu.	272	38	
	7	51.23	5			29.96			48.3	Tr.	256	77	
	6	51.23	5			29.99			47.9	Tr.	255	60	
7884	5	47.30	2	10	22	32.86	28	53	53.0	Tr.	111	10	
	6	47.27	1			33.59			....[5]	Mer.	91	33	[5] Decl. changed one wire interval north and ten rev. south.
7885	5	51.23	5	10	22	33.57	21	16	44.4	Mu.	272	37	
7886	8	51.27	5	10	22	35.22	20	1	24.9	Mer.	237	11	
	9	51.22	5			35.24			25.1	Tr.	253	35	
7887	10	49.28	1	10	22	35.55	24	18	38.1	Mu.	249	25	
	9	49.25	3			36.29			34.4	Tr.	229	9	
7888	8	49.21	2	10	22	35.58	35	53	5.5	Mer.	168	92	
	8	49.22	1			35.88			4.9	Mu.	238	83	
7889	7	46.32	3	10	22	40.37	32	38	30.5	Mu.	11	17	
7890	5	47.20	2	10	22	[38.57][6]	29	50	28.8	Mer.	88	21	[6] Original record confused.
	4.5	47.29	2			41.36			26.2	Tr.	109	40	
	7	47.23	3			41.38[7]			25.6	Mu.	103	69	[7] See note on No. 7881_1.
7891	7.8	46.30	5	10	22	51.46[8]	40	11	48.0	Mer.	11	8	[8] Minute assumed.
	8	49.28	2			52.52[9]			44.9	Mu.	248	31	[9] R. A. decreased 1 min.
7892	10	51.23	5	10	22	54.85	20	41	25.5[10]	Mer.	235	104	[10] Decl. changed three wire intervals south.
	10	51.22	5			55.26			23.2	Mer.	233	36	
7893	9	49.28	1	10	22	59.37	25	11	44.0	Mer.	177	37	
7894	9	49.22	1	10	23	1.74	38	16	21.1	Tr.	223	74	
7895	9	51.27	5	10	23	1.91	19	49	55.4	Mer.	237	12	
7896	8	49.28	2	10	23	13.74	26	45	10.2	Tr.	236	1	
	8	47.28	4			13.81			9.8[11]	Mer.	93	19	[11] Decl. changed five rev. north.
	9.10	48.25	2			13.81[12]			10.8	Mu.	162	14	[12] One of three threads rejected; R. A.=$12^{s}.46$.
7897	8	47.23	1	10	23	14.44	31	26	25.4	Mer.	90	75	
	9	47.27	3			14.97			26.2	Mu.	107	72	
7898	10	49.28	1	10	23	16.91	24	6	46.1	Mu.	249	26	
	8	51.23	5			17.15			45.7	Mu.	273	49	
	8	49.29	1			17.22			44.0	Mer.	179	16	
7899	9.10	48.24	2	10	23	18.34	23	5	0.8[13]	Mer.	120	33	[13] Decl. changed one rev. north.
	8.9	49.29	1			18.65			0.3	Mu.	251	23	
7900	10	49.21	2	10	23	22.14	41	34	49.6	Tr.	222	74	
7901	8	49.22	2	10	23	23.42	31	56	43.4	Tr.	225	86	
7902	9	51.23	5	10	23	23.94	19	33	3.6	Mu.	271	46	
7903	10	51.18	5	10	23	25.98	21	45	7.4[14]	Tr.	251	10	[14] One transit thread rejected; Decl.=15″.3.
7904	9	49.21	2	10	23	28.48	35	55	22.3	Mer.	168	93	
	8	49.22	1			28.71			26.0	Mu.	238	84	
7905	9	49.28	1	10	23	28.78	26	16	9.6	Tr.	233	9	
7906	9	51.26	5	10	23	34.09	19	20	12.6	Tr.	258	48	
7907	9	49.29	1	10	23	40.80	22	57	44.1	Mu.	251	24	
7908	9	51.23	5	10	23	41.33	20	26	34.0	Mer.	235	105	
7909	9	49.25	2	10	23	43.75	24	27	19.1	Tr.	229	10	
	9.10	49.28	1			44.17			17.8	Mu.	249	27	
7910	9	48.24	1	10	23	47.35	23	10	9.3[15]	Mer.	120	34	[15] Decl. changed nine rev. south.
7911	6	48.23	3	10	23	49.58	25	42	59.6	Mu.	160	30	
	6	48.18	2			49.59			58.0	Mu.	159	31	
	7	48.24	3			49.85			60.1	Tr.	162	42	
7912	9	49.26	2	10	23	51.49	25	19	38.9	Tr.	230	48	
	8	49.28	2			51.58			39.2	Mer.	177	38	
7913	9	51.23	5	10	23	51.60	20	27	39.8	Mer.	235	106	
7914	10	51.18	5	10	23	54.56	21	48	6.4	Tr.	251	11	
	9	51.31	5			54.62			8.8	Tr.	262	3	
	9	51.17	5			54.69			4.5	Tr.	250	15	
7915	9	49.22	1	10	23	56.02[16]	38	17	46.2	Tr.	223	75	[16] If time of transit be assumed as $30^{s}.2$ instead of $33^{s}.2$, as recorded, R. A.=$53^{s}.02$. GZ gives $53^{s}.4$. If time of transit be assumed as $3^{s}.2$, instead of $33^{s}.2$, this is CoD—38°6519.
7916	6	49.29	1	10	23	58.38	23	24	40.8	Mer.	179	17	
	7	49.29	1			59.10			39.0	Mu.	251	25	
7917	9.10	49.26	1	10	23	58.63	26	5	52.5	Mu.	245	47	
	9	49.28	1			59.07			48.3	Tr.	233	10	
7918	7	49.22	1	10	24	6.69	35	29	33.3	Mu.	238	85	
7919	8	49.28	1	10	24	8.67	25	13	21.2	Mer.	177	39	
7920	9	47.28	2	10	24	20.17[17]	26	52	59.5	Mer.	93	20	[17] R. A. decreased one thread interval.
7921	9	49.21	1	10	24	28.53	35	27	17.9	Mer.	168	94	
	7	49.22	1			28.78			13.5	Mu.	238	86	
	9	49.25	3			29.07			17.0	Mu.	244	15	
7922	9	46.29	2	10	24	30.86	38	34	18.8	Mu.	5	20	
7923	9	46.30	3	10	24	32.59	43	35	57.2	Mer.	12	10	
7924	8	51.23	5	10	24	36.05	21	3	43.8	Tr.	255	62	
7925	9	51.18	5	10	24	41.06	22	1	38.0[18]	Tr.	251	12	[18] One transit thread rejected; Decl.=52″.7.
7926	8	51.23	5	10	24	42.34	21	25	33.1	Tr.	255	61	
	6	51.23	5			42.42			30.7	Mu.	272	39	
	8	51.23	5			42.54			32.5	Tr.	256	78	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
7927	8	49.21	2	10	24	42.80	41	27	37.7	Tr.	222	75	
7928	10	49.29	2	10	24	42.80[1]	22	32	44.5	Tr.	237	8	[1] Minute assumed.
7929	8	46.30	5	10	24	43.96[2]	34	21	27.3[3]	Tr.	13	10	[2] R. A. increased 1 min. and decreased one
7930	9	51.23	5	10	24	47.54	19	34	29.8	Mu.	271	47	thread interval.
	10	51.26	5			47.71			31.6	Tr.	258	49	[3] Decl. changed one rev. south.
7931	7	46.32	2	10	24	48.69	32	17	49.2	Mu.	11	18	
	8	49.22	3			49.09			55.0	Tr.	225	87	
7932	8	46.28	2	10	24	49.74[4]	39	29	50.9[5]	Mu.	3	8	[4] R. A. increased 1 min.
	8	46.28	1			49.78			50.8	Mu.	4	17	[5] Decl. changed one rev. south.
	9	46.28	4			50.00			50.9	Tr.	5	20	
	9	46.27	7			50.07			49.0	Tr.	4	9	
	10	46.27	3			50.21			47.8	Mu.	2	21	
7933	4.5	47.27	4	10	24	49.78	27	28	1.0	Mu.	105	60	
	6	49.28	7			49.92			2.8	Mer.	178	11	
	6	47.29	5			49.93[6]			1.8	Mu.	110	10	[6] One of six threads rejected; see note 3, page
	5	48.25	3			49.94			1.4	Mer.	225	1	xxix.
7934	9	49.29	1	10	24	52.45[7]	23	47	3.3	Mer.	179	18	[7] R. A. decreased one thread interval.
	8	51.23	5			52.68			2.2	Mu.	273	50	
	8	49.30	2			52.69[8]			3.5	Tr.	238	1	[8] R. A. increased one thread interval.
7935	9	47.30	1	10	25	2.77	29	45	48.5	Mer.	95	20	
7936	7	46.30	3	10	25	3.07[9]	40	2	31.0	Mer.	11	9	[9] One of four threads rejected; R. A. = 1^{s}.95.
	8	49.28	1			3.92			27.5	Mu.	248	32	
7937	9	47.30	1	10	25	7.73	29	49	29.0	Mer.	95	21	
7938	10	47.28	1	10	25	10.91	28	30	....	Mer.	92	23	
7939	7	46.30	2	10	25	13.15	33	37	22.5	Mu.	10	30	
7940	9.10	46.28	2	10	25	13.58[10]	45	13	38.2	Mer.	3	14	[10] One of three threads rejected; R. A. = 11^{s}.67.
7941	9	47.15	2	10	25	14...[11]	31	4	14.7	Mu.	97	2	[11] Separate threads give 14^{s}.19, 15^{s}.09.
	8	47.27	2			14.69[12]			22.9	Tr.	107	31	[12] Separate threads give 15^{s}.05, 14^{s}.32.
	9	47.23	3			15.18			12.4	Mer.	90	76	
	8	47.18	1			15.24			....	Mer.	87	50	
	9	47.27	2			15.38[13]			14.6	Mu.	107	73	[13] One of three threads rejected; R. A. = 16^{s}.54.
7942	8	49.30	1	10	25	15.28	23	46	5.2	Tr.	238	2	
	8	49.29	2			15.59			2.4	Mer.	179	19	
	8	51.23	5			15.65			2.9	Mu.	273	51	
7943	9	49.28	2	10	25	15.39	26	14	53.6	Tr.	233	11	
7944	8.9	48.24	2	10	25	17.48	22	49	49.7[14]	Mer.	120	35	[14] Decl. changed one wire interval north.
	7	49.29	2			17.67			54.3	Tr.	237	9	
7945	10	46.30	3	10	25	18.85	43	42	55.2[15]	Mer.	12	11	[15] Decl. changed ten rev. north.
7946	6.7	46.29	5	10	25	33.07	44	17	59.2	Mer.	5	6[16]	[16] "Double, first observed."
7947	9.10	47.26	3	10	25	33.30	28	16	28.3	Mu.	104	50	
	8.9	47.18	2			33.41			29.3	Mu.	99	1	
	9	47.28	2			33.44			....	Mer.	92	24	
7948	..	47.27	2	10	25	33.40	28	43	....[17]	Mer.	91	34	[17] Decl. changed one rev. north.
	10	47.30	1			34.55			39.7	Tr.	111	11	
7949	9	51.23	5	10	25	40.17	19	16	39.0	Mu.	271	48	
	9	51.26	5			40.32			37.2	Tr.	258	50	
7950	9	47.27	3	10	25	43.02	30	57	33.5	Mu.	107	74	
	9	47.23	1			43.36			....	Mer.	90	77	
7951	9	49.25	3	10	25	43.19	24	26	38.8	Tr.	229	11	
7952	10	51.23	2	10	25	43.84[18]	20	50	27.2	Mer.	235	107	[18] Two of four threads rejected; R. A. = 44^{s}.28,
	9	51.30	5			44.23			....	Tr.	261	11	43^{s}.20.
7953	10	49.28	1	10	25	44.74	40	0	22.0	Mu.	248	33	
7954	7	51.18	5	10	25	45.42	21	45	25.6	Tr.	251	13	
	6	51.17	5			45.52			22.2	Tr.	250	16	
7955	9	49.22	1	10	25	46.17	31	48	44.0	Tr.	225	88	
7956	9	49.22	1	10	25	46.87	37	58	21.5	Tr.	223	76	
7957	8	48.23	1	10	25	48.15	25	50	19.2	Mu.	160	31	
	8	48.24	3			48.37[19]			17.6	Tr.	162	43	[19] One thread increased 10 sec.
	7	48.18	1			48.64			23.5	Mu.	159	32	
7958	10	49.28	2	10	25	49...[20]	24	22	31.4	Mu.	249	28	[20] Separate threads give 50^{s}.16, 49^{s}.05. GZ
	8	49.25	2			49.86			30.9	Tr.	229	12	gives 49^{s}.8.
7959	7	49.21	2	10	25	56.34	35	41	13.9	Mer	168	95	
	9	49.22	1			56.52			8.5	Mu.	238	87	
7960	9	49.22	1	10	25	58.10	35	43	50.0	Mu.	238	88	
	9	49.21	1			58.41			50.6	Mer.	168	96	
7961	8	46.32	2	10	26	0.06	32	35	54.0	Mu.	11	19	
7962	9	49.28	2	10	26	0.38	24	49	7.1	Mer.	177	40	
	10	49.26	1			0.84			4.8	Tr.	230	49	
7263	8	51.23	4	10	26	4.15	21	1	17.8	Mu.	272	40	
7964	10	51.23	5	10	26	5.33	21	11	56.0	Tr.	255	63	
7965	9	49.28	2	10	26	6.81	24	43	41.4	Mer.	177	41	
7966	8	46.30	3	10	26	8.19	43	50	44.9	Mer.	12	12	
7967	9.10	49.26	2	10	26	11.40	26	2	30.8	Mu.	245	48	
7968	10	49.25	2	10	26	12.16	35	2	52.7	Mu.	244	16	
7969	8	51.17	5	10	26	15.58	21	48	42.9	Tr.	250	17	
	7	51.31	5			15.63			48.4	Tr.	262	4	
	9	51.18	5			15.69			46.6	Tr.	251	14	
7970	8	51.23	5	10	26	17.64	19	24	32.2	Mu.	271	49	
7971	9	49.26	2	10	26	20.45	26	2	15.5	Mu.	245	49	
	9	48.24	2			20.65			19.8	Tr.	162	44	
	9	49.28	2			20.85			15.0	Tr.	233	12	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
7972	10	49.22	1	10	26	28.71	38	1	2.1	Tr.	223	77	
7973	10	51.23	4	10	26	31.13	20	45	51.1	Mer.	235	108	
	6	51.30	5			31.40			....	Tr.	261	12	
7974	9	49.28	1	10	26	32.03[1]	24	49	28.4	Mer.	177	42	[1] R. A. increased 1 min.
7975	9	49.28	2	10	26	32.84	27	3	33.4	Tr.	236	2	
	9.10	48.25	3			32.93			37.3	Mu.	162	15	
7976	9	46.29	1	10	26	33.43	39	0	41.9[2]	Mu.	5	21	[2] Decl. changed five rev. south.
7977	7	49.25	2	10	26	42. . .[3]	35	17	41.0	Mu.	244	17	[3] Separate threads give 43^{s}.95, 42^{s}.90. Ya gives 43^{s}.7.
	7	49.22	1			42.69			41.0	Mu.	238	89	
	8	46.30	3			44.01			41.8	Mu.	9	21	
7978	9	47.29	2	10	26	44.76[4]	27	41	42.1	Mu.	110	11	[4] One of three threads rejected; see note 3, page XXIX.
	9	47.27	2			45.14			42.8	Mu.	105	61	
	9	49.28	1			45.21			44.1	Mer.	178	12	
7979	10	47.29	1	10	26	47.59	29	32	49.7	Tr.	109	41	
	8	47.30	1			47.88			49.8[5]	Mer.	95	22	[5] Decl. changed one wire interval north.
7980	8	49.28	1	10	26	49.18	26	34	38.6	Tr.	233	13	
	7	48.24	2			49.38[6]			33.1	Mu.	161	28	[6] Separate threads give 49^{s}.74, 49^{s}.02.
	6	47.30	5			49.52			33.5	Mu.	111	1	
	6	49.28	1			49.54			38.9	Tr.	236	3	
	7.8	47.26	3			49.62			36.5	Tr.	105	21	
7981	8.9	48.24	2	10	26	53.03[7]	22	58	26.9[8]	Mer.	120	36	[7] Two threads increased 10 sec. each. One of three threads rejected; R. A. = 53^{s}.82.
	3	49.39	1			53.29			24.9	Mu.	251	26	
7982	8	46.28	4	10	26	53.70	39	27	56.4	Mu.	4	18	[8] Decl. changed ten rev. north.
	7	46.28	3			53.72			53.3	Tr.	5	21	
	7	46.28	5			53.82			54.7	Mu.	3	9	
	7	46.27	4			54.01			51.0	Mu.	2	22	
	7	46.27	3			54.01			59.8[9]	Tr.	4	10	[9] Decl. changed one rev. south.
7983	..	47.27	1	10	27	2.81	28	46	....	Mer.	91	35	
7984	7	49.29	2	10	27	6.61	23	31	46.2	Mu.	251	27	
	8	49.30	2			6.74			49.4	Tr.	238	3	
	7	49.29	4			6.93[10]			43.5	Mer.	179	20	[10] R. A. increased 1 min.
	8	51.23	5			6.94			44.5	Mu.	273	52	
7985	9	46.30	1	10	27	7.88[11]	34	12	22.4	Mu.	10	31	[11] R. A. increased 1 min.
7986	10	49.22	1	10	27	15.81	31	35	50.0	Tr.	225	89	
7987	11	51.27	5	10	27	17.10	19	1	52.4	Tr.	259	48	
7988	10	48.24	1	10	27	23.72	25	33	30.8	Tr.	162	45	
7989	10	51.23	5	10	27	28.27	21	14	8.9	Tr.	255	65	
7990	5	51.23	5	10	27	31.56	21	25	46.7	Mu.	272	41	
	8	51.23	5			31.58			49.4	Tr.	255	64	
	6	51.23	5			31.73			45.4	Tr.	256	79	
7991	6	46.29	4	10	27	33.82	36	36	49.0	Mu.	8	23	
7992	8	51.27	4	10	27	36.26[12]	20	4	15.4	Mer.	237	13	[12] One of five threads rejected; R. A. = 35^{s}.85.
7993	10	49.28	3	10	27	43.68	24	19	22.5	Mu.	249	29	
	9	49.25	3			43.84			21.4	Tr.	229	13	
7994	8.9	49.22	4	10	27	49.39	32	59	26.0	Mu.	240	33	
7995	9	48.23	3	10	27	49.67	22	24	17.8[13]	Mer.	119	26	[13] Decl. changed one rev. south.
	7	49.29	2			50.00			8.7	Tr.	237	10	
7996	8	46.29	6	10	27	50.59	37	21	18.2	Tr.	9	4	
7997	7	47.27	3	10	27	52.54	30	34	11.4	Tr.	107	32	
	8	47.18	2			52.70			....	Mer.	87	51	
	9	47.15	5			52.77			8.1	Mu.	97	3	
7998	7	48.23	2	10	27	58.48	25	36	27.5	Mu.	160	32	
7999	10	49.29	1	10	28	2.73	22	29	50.9	Tr.	237	11	
8000	8	49.21	3	10	28	6.01	40	58	35.5	Tr.	222	76	
8001	9	49.26	1	10	28	7.06	24	41	28.0	Tr.	230	50	
	7	49.28	2			7.08			27.9	Mer.	177	43	
8002	9	51.23	5	10	28	11.85	19	37	10.2	Mu.	271	50	
8003	10	47.32	1	10	28	12.62	29	33	45.7	Tr.	114	1	
	8	47.30	1			13.18[14]			43.4	Mer.	95	23	[14] Minute assumed.
	9	47.29	1			13.23			47.5	Tr.	109	42	
8004	9	49.28	2	10	28	23.70	40	15	32.5	Mu.	248	34	
8005	7	49.25	1	10	28	33.12	35	2	57.7	Mu.	244	18	
8006	5	46.29	4	10	28	33.49	38	47	19.1	Mu.	5	22	
8007	9	46.30	1	10	28	37.07	34	6	14.7	Mu.	10	32	
8008	10	51.23	5	10	28	37.40	20	51	28.9	Mer.	235	110	
	7	51.30	5			37.57			....	Tr.	261	13	
8009	9	46.28	4	10	28	40.58[15]	45	7	22.6	Mer.	3	15	[15] R. A. increased 1 min.
8010	10	51.23	5	10	28	43.28	20	40	24.7	Mer.	235	109	
8011	7	46.29	3	10	28	43.62	36	35	10.8	Mu.	8	24	
8012	9	49.22	1	10	28	45.49[16]	35	36	39.7	Mu.	238	90	[16] R. A. decreased one thread interval.
8013	9	51.23	5	10	28	49.44	21	3	33.0[17]	Tr.	256	80	[17] Decl. transits very poor.
8014	9	47.18	2	10	28	54. . .[18]	28	21	16.4	Mu.	99	2	[18] Separate threads give 53^{s}.36, 54^{s}.41.
	8	47.28	3			54.14[19]			....	Mer.	92	25	[19] One of four threads rejected; R. A. = 53^{s}.31.
8015	9	49.25	1	10	28	54.08	34	47	47.3	Mu.	244	19	
8016	9	49.22	2	10	28	57.79	31	43	41.8	Tr.	225	90	
8017	7	48.23	1	10	28	59.95[20]	25	53	50.2	Mu.	160	33	[20] R. A. increased one thread interval.
	7	49.26	4			60.49			46.5	Mu.	245	50	
	7	48.24	1			60.49			48.9	Tr.	162	46	
	5	49.28	2			60.63			48.7	Tr.	233	14	
8018	9	49.21	4	10	29	5.39	36	0	44.4	Mer.	168	97	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
8019	10	51.23	5	10	29	16.30	23	47	25.2	Mu.	273	53	
	9	49.30	3			16.30			27.2	Tr.	238	4	
	9	49.29	5			16.37			24.7	Mer.	179	21	
8020	9	47.15	3	10	29	19.21 [1]	30	34	13.6	Mu.	97	4	[1] R. A. decreased 1 min.
	9	47.18	1			19.38			.... [2]	Mer.	87	52	[2] Decl. changed one wire interval north.
8021	8	49.26	2	10	29	21.56	25	57	27.3	Mu.	245	51	
	9	49.28	1			21.88			29.5	Tr.	233	15	
8022	10	49.28	2	10	29	23.38	25	4	33.7	Mer.	177	44	
	10	49.26	1			23.64			33.0	Tr.	230	51	
8023	9	47.20	1	10	29	25.31	30	2	23.5	Mer.	88	22	
	9	47.29	2			26.19			25.0	Tr.	109	43	
8024	10	51.23	5	10	29	25.57	21	21	13.7	Tr.	255	66	
	9	51.23	5			25.65			16.8	Mu.	272	42	
8025	7	49.22	1	10	29	25.70	35	35	27.5	Mu.	238	91	
8026	8.9	47.27	2	10	29	29... [3]	31	3	24.5	Mu.	107	75	[3] Separate threads give $28^{\mathrm{s}}.59$, $29^{\mathrm{s}}.71$. GZ gives $29^{\mathrm{s}}.3$.
8027	8	47.18	1	10	29	29.70	30	46	....	Mer.	87	53	
	9	47.27	2			29.82			31.2	Tr.	107	33	
8028	10	51.18	5	10	29	30.80	21	59	38.5	Tr.	251	16	
8029	8	51.23	5	10	29	34.12	19	6	52.0	Mu.	271	51	
8030	6	47.28	3	10	29	34.55	27	59	....	Mer.	92	26	
	8	47.26	5			35.01			46.0	Mu.	104	51	
	7	47.18	2			35.07			45.6	Mu.	99	3	
8031	6	48.25	5	10	29	40.05	26	52	48.5	Mu.	162	16	
	5	47.30	5			40.14 [4]			50.8	Mu.	111	2	[4] One of six threads rejected; R. A.=$42^{\mathrm{s}}.69$.
	7	49.28	3			40.26			50.2	Tr.	236	4	
	7	47.26	3			40.31			49.3	Tr.	105	22	
8032	6	51.31	5	10	29	40.33	21	53	20.7	Tr.	262	5	
	6	51.17	5			40.49			18.5	Tr.	250	18	
	8	51.18	5			40.53			18.0	Tr.	251	15	
8033	7	46.32	4	10	29	43.36	32	29	42.7	Mu.	11	20	
8034	9	47.30	..	10	29	44... [5]	29	46	57.8	Mer.	95	24	[5] "Record doubtful." Threads discordant.
8035	9	47.15	1	10	29	48.02	30	53	35.7	Mu.	97	5	
8036	8	49.21	3	10	29	50.83	36	5	25.1	Mer.	168	98	
8037	10	49.28	2	10	29	51.47	24	53	19.4	Mer.	177	45	
8038	9	48.24	2	10	29	59.18	23	6	....	Mer.	120	37	
	8	49.29	1			59.29			58.8	Mu.	251	28	
8039	10	51.23	5	10	30	1.68	20	54	1.6 [6]	Mer.	235	111	[6] Decl. changed ten rev. south.
	8	51.30	5			1.81			....	Tr.	261	14	
8040	9	49.22	2	10	30	6.85	32	0	18.6 [7]	Tr.	225	91	[7] Decl. changed one rev. south.
8041	7	46.30	2	10	30	10.52	33	55	13.6	Mu.	10	33	
8042	6	49.26	1	10	30	11.23	26	38	11.5 [8]	Mu.	245	52	[8] Decl. changed one rev. north.
	5	48.24	2			11.52			12.5	Mu.	161	29	
	5	49.28	1			11.54			16.8	Tr.	233	16	
	4	47.30	4			11.65			15.1	Mu.	111	3	
	5	47.26	3			11.66			16.4	Tr.	105	23	
8043	6	47.23	2	10	30	16... [9]	30	59	10.9	Mer.	90	78	[9] Separate threads give $16^{\mathrm{s}}.59$, $17^{\mathrm{s}}.96$. Gou gives $17^{\mathrm{s}}.2$.
	7.8	47.18	1			16.62			....	Mer.	87	54	
	8.9	47.15	2			17.01			11.2	Mu.	97	6	
	5	47.27	3			17.18			11.4	Tr.	107	34	
	7	47.27	4			17.24			10.0 [10]	Mu.	107	76	[10] Decl. changed one rev. north.
8044	9	49.25	3	10	30	17.18	24	17	7.0	Tr.	229	14	
8045	7	46.30	5	10	30	21.62	40	33	48.9	Mer.	11	10	
8046	9	46.30	5	10	30	26.33	29	12	25.8	Mer.	10	1	
	10	47.32	1			26.64			24.3	Tr.	114	2	
8047	8	51.23	5	10	30	26.46	19	31	16.5	Mu.	271	52	
	8	51.26	5			26.63			7.9	Tr.	258	51	
8048	8	49.29	3	10	30	26.63	22	36	13.2	Tr.	237	12	
	8.9	48.23	3			26.65			14.4	Mer.	119	27	
8049	10	49.30	2	10	30	28.28	24	4	51.2	Tr.	238	5	
8050	7	49.28	2	10	30	34.16	27	17	33.2	Tr.	236	5	
	8.9	47.29	3			34.42			27.7	Mu.	110	12	
	8	49.28	4			34.52			27.9	Mer.	178	13	
	8	48.25	1			34.64			35.1	Mer.	225	2	
8051	9.10	49.22	2	10	30	38.63	33	23	57.4	Mu.	240	34	
8052	10	49.28	1	10	30	40.73	24	13	57.6	Mu.	250	1	
	10	49.25	2			41.38			61.4	Tr.	229	15	
8053	10	51.26	5	10	30	44.07	19	24	26.4	Tr.	258	52	
8054	8	47.18	1	10	30	44.98	28	19	13.8	Mu.	99	4	
	9	47.26	3			45.01			12.1	Mu.	104	52	
	8	47.28	2			45.09			....	Mer.	92	27	
8055	8	51.27	5	10	30	45.07	20	2	9.7	Mer.	237	14	
8056	9	46.26	2	10	30	45.50	44	42	14.6	Mer.	1	1	
	9	46.28	4			45.65			17.8	Mer.	3	16	
8057	6.7	49.25	2	10	30	53.07	34	56	31.8	Mu.	244	20	
	7	46.30	5			53.24			32.5	Mu.	9	22	
8058	9.10	49.22	2	10	31	3.64	33	12	4.7	Mu.	240	35	
8059	6	51.23	4	10	31	14.51 [11]	21	6	15.8	Tr.	255	67	[11] One of five threads rejected; R. A.=$14^{\mathrm{s}}.95$.
8060	9	49.29	5	10	31	24.74	23	45	26.7 [12]	Mer.	179	22	[12] Decl. changed one wire interval south.
	9	51.23	5			24.80			27.1	Mu.	273	54	
	8	49.30	3			24.96			34.2	Tr.	238	6	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
8061	9	47.29	3	10	31	25.48	27	19	59.6	Mu.	110	13	
	10	49.28	2			25.64			60.8	Mer.	178	14	
8062	10	49.26	1	10	31	25.49	25	18	46.7	Tr.	230	52	
8063	10	49.28	1	10	31	26.90	27	25	27.9	Mer.	178	15	
	9	47.29	2			27.41 [1]			30.1	Mu.	110	14	[1] Separate threads give $27^{s}.05$, $27^{s}.76$.
8064	10	49.29	1	10	31	28.81	23	15	48.2	Mu.	251	29	
8065	8	51.27	5	10	31	31.81	19	47	50.7	Mer.	237	15	
8066	7	46.30	2	10	31	34.33	40	17	13.2	Mer.	11	11	
	8.9	49.28	1			34.56			15.5 [2]	Mu.	248	35	[2] Decl. changed five rev. north.
8067	7	51.27	5	10	31	35.77	18	49	0.4 [3]	Tr.	259	49	[3] If transit threads be increased 1 sec. each, Decl. = 14″.6. CiZ gives 14″.
8068	8	49.22	2	10	31	37.87 [4]	35	30	24.6	Mu.	238	92	
8069	9	47.15	2	10	31	51.15	30	56	62.8	Mu.	97	7	[4] Separate threads give $38^{s}.27$, $37^{s}.48$. CPD gives $37^{s}.1$.
	..	47.23	1			51.22			....	Mer.	90	79	
	9	47.27	3			51.59			59.8	Mu.	107	77	
8070	8	46.30	2	10	31	52.16	33	42	30.0	Mu.	10	35	
8071	9	49.21	2	10	31	54.93 [5]	41	26	31.0	Tr.	222	77	[5] One of three threads rejected; R. A. = $54^{s}.19$.
8072	7	49.28	5	10	32	2.79	25	4	11.6	Mer.	177	46	
	7	49.26	2			2.89			10.5	Tr.	230	53	
8073	8	49.30	2	10	32	4.26	23	40	9.3	Tr.	238	7	
	10	51.23	5			4.58			7.8	Mu.	273	55	
	9	49.29	3			4.60			4.6	Mer.	179	23	
8074	10	49.26	2	10	32	5.53	25	53	31.7	Mu.	245	53	
	9	49.28	2			5.80			33.0	Tr.	233	17	
8075	9	51.27	5	10	32	6.00	19	48	0.1	Mer.	237	16	
8076	8	46.28	1	10	32	8.06	39	53	31.6	Mu.	4	19	
	8	49.28	2			8.13			30.5	Mu.	248	36	
	8	46.27	3			8.63			32.3	Mu.	2	23	
8077	10	51.23	5	10	32	8.57	21	11	5.9	Tr.	255	68	
8078	8	46.30	2	10	32	10.36	33	57	39.1	Mu.	10	34	
8079	10	49.28	1	10	32	12.48	24	16	27.4	Mu.	250	2	
8080	8	51.27	..	10	32	15...	20	4	18.7	Mer.	237	17	
8081	10	46.30	2	10	32	15.19	29	6	47.0	Mer.	10	2	
8082	8.9	49.22	4	10	32	16.71	33	9	48.4	Mu.	240	36	
8083	9	51.18	5	10	32	17.24	21	59	39.3	Tr.	251	17	
	8	51.17	4			17.43 [6]			39.9	Tr.	250	19	[6] One of five threads rejected; R. A. = $16^{s}.72$.
8084	10	48.24	2	10	32	17.77	25	31	16.3	Tr.	162	47	
	9	48.23	1			18.08 [7]			21.7	Mu.	160	34	[7] R. A. decreased 1 min.
8085	9	48.25	3	10	32	20.15	27	10	15.2	Mu.	162	17	
	8	49.28	2			20.24			14.8	Tr.	236	6	
	6	49.28	1			20.24			13.2 [8]	Mer.	178	16	[8] Decl. changed ten rev. north.
8086	10	49.28	1	10	32	28.69	26	28	25.8	Tr.	233	18	
8087	5	49.22	3	10	32	28.74	35	53	52.1	Mu.	238	93	
	7	49.21	5			29.11			51.3	Mer.	168	99	
8088	8	51.18	5	10	32	30.67	21	45	3.0	Tr.	251	18	
	6	51.31	5			30.79			1.1	Tr.	262	6	
8089	9	49.29	1	10	32	31.78	22	53	59.9	Mu.	251	30	
8090	9	49.22	2	10	32	32.02	32	2	1.9	Tr.	225	92	
8091	11	49.22	1	10	32	33.88	38	28	47.4	Tr.	223	78	
8092	10	49.29	2	10	32	34.06	22	39	4.5	Tr.	237	13	
8093	10	49.29	2	10	32	44.18	22	40	11.9	Tr.	237	14	
8094	9	49.28	1	10	32	45.65 [9]	24	52	59.4	Mer.	177	47	[9] R. A. decreased one thread interval.
8095	7	49.29	1	10	32	48.88	22	50	29.6	Mu.	251	31	
	..	48.24	2			50.15			25.8	Mer.	120	38	
8096	9	46.28	2	10	32	54.84	39	28	57.3 [10]	Mu.	3	10	[10] Decl. changed one rev. south.
8097	9.10	49.22	2	10	32	56.08	31	57	18.7	Tr.	225	93	
8098	8.9	49.22	2	10	32	58.74	32	49	56.9	Mu.	240	37	
	7	46.32	4			58.75			56.4	Mu.	11	21	
8099	9	49.25	3	10	33	3.07	24	21	48.2	Tr.	229	16	
	10	49.28	1			3.24			45.7	Mu.	249	30	
	10	49.28	2			3.31			45.8	Mu.	250	3	
8100	9	49.21	2	10	33	9.61	41	37	17.7	Tr.	222	78	
8101	9	49.29	1	10	33	14.81	23	53	41.7	Mer.	179	24	
	9	49.30	1			14.87			47.7	Tr.	238	8	
	10	51.23	5			15.06			45.4	Mu.	273	56	
8102	10	51.23	5	10	33	18.74	20	47	18.2	Mer.	235	112	
	9	51.30	5			18.94			....	Tr.	261	15	
8103	10	47.30	2	10	33	29.43	28	57	59.6	Tr.	111	12	
	9	46.30	3			29.61			58.2	Mer.	10	3	
8104	9	49.28	1	10	33	30.94	39	57	37.8	Mu.	248	37	
8105	9	51.17	4	10	33	37.67 [11]	22	1	19.8	Tr.	250	20	[11] One of five threads rejected; R. A. = $38^{s}.16$.
	9	51.18	5			37.70			16.4	Tr.	251	19	
	11	51.31	5			37.78			19.4	Tr.	262	7	
8106	8.9	49.26	4	10	33	41.29	26	0	13.3	Mu.	245	54	
	9	49.28	2			41.39			14.2	Tr.	233	19	
	9	48.23	1			41.45			14.0	Mu.	160	35	
	9	48.24	3			41.81			9.2	Tr.	162	48	
8107	10	46.30	4	10	33	44.03 [12]	44	16	28.6 [13]	Mer.	12	13	[12] R. A. decreased 1 min.
8108	9	51.23	5	10	33	44.19	19	31	0.6	Mu.	271	53	[13] Decl. changed one rev. south.
8109	9	49.30	1	10	33	44.27	23	45	28.7	Tr.	238	9	
	10	49.29	1			44.67			29.4	Mer.	179	25	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
8110	6	47.23	1	10	33	45.55	31	8	23.0[1]	Mer.	90	80	[1] If micrometer reading be assumed as 49.085 instead of 49.85 rev., as recorded, Decl.= 49″.4. GZ gives 44″.
	9	47.27	3			46.04			40.2	Mu.	107	78	
8111	10	47.30	1	10	33	49.27	28	57	53.2	Tr.	111	13	
	8.9	46.30	3			49.67[2]			51.2	Mer.	10	4	[2] R. A. decreased 1 min. Separate threads give $50^{s}.15$, $49^{s}.65$, $49^{s}.21$.
8112	8	49.25	1	10	33	49.33	35	13	10.7	Mu.	244	21	
8113	6.7	49.25	1	10	34	0.99	34	57	35.6	Mu.	244	22	
	7.8	46.30	5			1.12			37.3	Mu.	9	23	
8114	8	49.22	1	10	34	1.00	35	48	26.4	Mu.	238	94	
8115	9.10	49.22	2	10	34	2.07	31	46	34.6	Tr.	225	94	
8116	9	49.28	3	10	34	14.17	27	21	6.6	Mer.	178	17	
	9	47.29	3			14.40[3]			4.7	Mu.	110	15	[3] One of four threads rejected; see note 3, page XXIX.
	8	48.25	4			14.62			5.8	Mer.	225	3	
8117	..	47.23	1	10	34	21.42[4]	31	3	....	Mer.	90	81	[4] Minute assumed.
	9	47.15	3			21.61			19.8	Mu.	97	8	
	8	47.27	2			21.71			21.2	Tr.	107	35	
	9	47.27	3			21.93			17.1	Mu.	107	79	
	9	47.18	2			22.27			....	Mer.	87	55	
8118	9	49.29	3	10	34	24.15	22	37	16.2	Tr.	237	15	
8119	8	47.30	3	10	34	25.67[5]	29	44	58.5	Mer.	95	25	[5] Separate threads give $25^{s}.72$, $25^{s}.14$, $26^{s}.14$.
	9	47.20	2			25.82[6]			70.7	Mer.	88	23	[6] One thread increased 20 sec.
	9	47.23	2			25.84[7]			65.0	Mu.	103	70	[7] R. A. increased 1 min.
	10	47.32	1			25.98			64.1	Tr.	114	3	
	7	47.29	2			26.02			63.3	Tr.	109	44	
8120	9	49.28	1	10	34	27.61	26	17	53.6	Tr.	233	20	
	8	48.24	1			27.74			53.5	Mu.	161	30	
8121	10	49.28	1	10	34	29.79	39	57	29.2	Mu.	248	38	
8122	9	49.22	2	10	34	34.84[8]	32	55	8.2	Mu.	240	38	[8] One of three threads rejected; R. A.=$35^{s}.55$.
8123	9	49.28	2	10	34	38.88	26	51	19.3[9]	Tr.	236	7	[9] Decl. changed one wire interval north.
8124	7	46.30	5	10	34	39.27[10]	34	56	54.0	Mu.	9	24	[10] Three threads decreased 10 sec. each.
	6.7	49.25	2			39.52			54.1	Mu.	244	23	
8125	9	49.26	1	10	34	40.35	25	4	57.3	Tr.	230	55	
	8	49.28	3			40.64			56.6	Mer.	177	48	
8126	9	47.23	2	10	34	42.98[11]	29	58	3.5	Mu.	103	71	[11] R. A. increased 10 sec.
	8	47.20	1			43.27			6.0	Mer.	88	24	
8127	7	49.28	2	10	34	45.39	25	15	45.7	Mer.	177	49	
	6	49.26	2			45.59			46.3	Tr.	230	54	
8128	10	51.23	5	10	34	55.34	20	37	11.6	Mer.	235	113	
	10	51.30	5			55.78			....	Tr.	261	16	
8129	6.7	51.27	5	10	35	7.19	19	49	11.4[12]	Mer.	237	18	[12] Decl. changed three wire intervals north and one rev. south.
8130	6	49.22	1	10	35	7.50	35	37	56.8[13]	Mu.	238	95	
	9	49.21	4			8.25			55.6	Mer.	168	100	[13] Decl. changed ten rev. north.
8131	8	49.30	2	10	35	8.71	24	10	20.6	Tr.	238	10	
	7	49.29	1			8.82			17.0	Mer.	179	26	
	8.9	49.28	4			8.83			17.9	Mu.	250	4	
	9	49.28	4			8.97			20.7[14]	Mu.	249	31	[14] Decl. changed one rev. south.
	8	49.25	3			9.17			19.0	Tr.	229	17	
8132	8.9	46.26	5	10	35	12.16	44	59	11.9[15]	Mer.	1	2	[15] Decl. changed one rev. south.
8133	8	49.28	1	10	35	14.02	26	40	51.0	Tr.	236	8	
	9	47.26	2			14.53			51.9	Tr.	105	24	
	9	49.26	4			14.57			47.0	Mu.	245	55	
	9.10	47.26	2			14.58			48.9	Tr.	106	11	
	8	48.25	3			14.63[16]			46.8	Mu.	162	18	[16] One of four threads rejected; R. A.=$13^{s}.71$.
8134	10	49.22	2	10	35	14.33[17]	32	55	36.6	Mu.	240	39	[17] Separate threads give $13^{s}.97$, $14^{s}.70$
8135	8	49.28	2	10	35	15.68	39	54	30.1	Mu.	248	39	
8136	10	49.22	1	10	35	18.69	32	55	16.2	Mu.	240	40	
8137	9	46.29	2	10	35	20.48	38	49	2.8[18]	Mu.	5	23	[18] If micrometer reading be assumed as 33.085 instead of 32.385 rev., as recorded, Decl.= 48′ 18″.9. GZ gives 24″.
8138	10	51.23	5	10	35	24.17	21	26	10.3	Tr.	255	69	
8139	10	48.23	1	10	35	24.78	25	27	55.6	Mu.	160	36	
8140	9	49.25	1	10	35	29.17	35	25	11.4	Mu.	244	24	
	8	49.22	2			29.48			9.7	Mu.	238	96	
8141	9.10	48.25	2	10	35	30.47	26	43	36.0	Mu.	162	19	
8142	9	49.22	1	10	35	32.31	32	52	18.1	Mu.	240	41	
8143	8	51.17	5	10	35	33.11	22	8	11.4[19]	Tr.	250	21	[19] One transit thread rejected; Decl.=7′ 59″.2.
	9	51.31	5			33.34			7.1	Tr.	262	8	
8144	9	47.27	2	10	35	36.49	28	43	....	Mer.	91	36	
8145	8.9	48.24	3	10	35	40.72	22	45	50.9	Mer.	120	39	
	9	48.23	2			40.91			53.4	Mer.	119	28	
	8	49.29	2			40.97			49.4	Tr.	237	16	
8146	8	51.18	5	10	35	41.39	21	43	21.0	Tr.	251	20	
	7	51.31	5			41.39			21.7	Tr.	262	9	
8147	7	49.22	3	10	35	46.54	31	55	57.7	Tr.	225	95	
8148	9	49.21	3	10	35	56.40	41	7	7.7	Tr.	222	79	
8149	8	49.28	2	10	36	1.59	25	4	56.7	Mer.	177	50	
	7	49.26	2			1.97			51.7	Tr.	230	56	
8150	10	49.28	4	10	36	7.18	27	45	31.5	Mer.	178	18	
	9	47.29	2			7.31[20]			31.6	Mu.	110	16	[20] One of three threads rejected; see note 3, page XXIX.
	9	48.25	2			7.33			30.9	Mer.	225	4	
	8	47.27	2			7.37			30.9	Mu.	105	62	
8151	9	51.18	5	10	36	7.78	22	2	17.8	Tr.	251	21	
	9	51.17	5			7.87			23.3[21]	Tr.	250	22	[21] One transit thread rejected; Decl.=33″.9.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
8152	8	49.25	1	10	36	14.15	34	49	39.8	Mu.	244	25	
8153	9	47.26	1	10	36	14.74	26	30	49.6	Tr.	106	12	
	8	48.24	2			14.74			49.2	Mu.	161	31	
	8.9	49.26	5			14.85			48.7	Mu.	245	56	
	9	49.28	1			15.24			47.2	Tr.	233	21	
8154	7	46.30	2	10	36	16.21 [1]	34	13	3.3	Mu.	10	36	[1] Minute assumed.
8155	10	49.30	1	10	36	17.18	23	57	14.2	Tr.	238	11	
8156	9	49.28	1	10	36	18.09	26	0	61.0	Tr.	233	22	
	9	48.24	2			18.38			57.0	Tr.	162	49	
8157	6	47.27	3	10	36	18.52	30	58	27.0	Tr.	107	36	
	6	47.23	1			18.65			27.2	Mer.	90	82	
	6	47.18	3			18.71			.... [2]	Mer.	87	56	[2] Decl. changed one rev. south.
	8	47.15	3			18.80			25.0	Mu.	97	9	
	7	47.27	4			18.89			25.9	Mu.	107	80	
8158	10	47.30	1	10	36	19.42	28	45	57.7	Tr.	111	14	
	10	46.30	4			19.76			63.6 [3]	Mer.	10	5	[3] Decl. changed five rev. north.
	8	47.27	2			19.96			....	Mer.	91	37	
8159	7	47.27	3	10	36	24.18	31	21	7.6	Mu.	107	81	
	6	47.23	1			24.49 [4]			9.5	Mer.	90	83	[4] Minute assumed.
8160	8.9	49.28	3	10	36	27.43	24	18	6.7	Mu.	250	5	
	8	49.25	3			27.87			3.0	Tr.	229	18	
	9.10	49.28	2			27.90			8.1	Mu.	249	32	
8161	7	47.18	4	10	36	27.51	28	16	38.0	Mu.	99	5	
	8	47.28	3			27.82 [5]			....	Mer.	92	28	[5] One of four threads rejected; R. A.=$26^{s}.73$.
8162	9	49.22	1	10	36	34.10	36	0	62.8	Mu.	238	97	
	9	49.21	1			35.27			58.3	Mer.	168	101	
8163	8.9	47.23	3	10	36	37.50	30	4	52.5	Mu.	103	72	
	6.7	47.29	2			37.58			50.1	Tr.	109	45	
8164	7	47.20	2	10	36	38. . . [6]	30	18	20.8	Mer.	88	25	[6] R. A. increased one thread interval. Separate threads give $39^{s}.16$, $38^{s}.29$.
	9	47.23	3			38.92			21.1	Mu.	103	73	
	9	47.15	2			39.04			18.4	Mu.	97	10	
8165	9	47.15	3	10	36	39.54	30	25	6.1	Mu.	97	11	
8166	8	49.22	3	10	36	49.95	38	16	20.6	Tr.	223	79	
8167	9	51.18	5	10	36	52.63	22	10	49.8	Tr.	251	22	
	8	51.17	5			52.69			51.4 [7]	Tr.	250	23	[7] Three transit threads increased 1 sec. each. No chronograph tape found.
8168	9	49.28	1	10	36	56.73	24	35	41.5	Mu.	250	6	
8169	9.10	49.22	2	10	36	59.83	32	11	21.7	Tr.	225	96	
8170	10	51.23	4	10	37	9.74 [8]	20	38	48.4	Mer.	235	114	[8] One of five threads rejected; R. A.=$9^{s}.27$.
	9	51.30	5			10.09			....	Tr.	261	17	
8171	8	48.24	2	10	37	16.44	23	11	62.8	Mer.	120	40	
	6	49.29	2			17.61			58.7	Mu.	251	32	
8172	10	49.22	2	10	37	17.18 [9]	33	28	20.0	Mu.	240	42	[9] One thread decreased 10 sec.
	8	46.30	2			17.50 [10]			18.8	Mu.	10	37	[10] R. A. decreased one thread interval.
8173	9	47.29	2	10	37	18.49 [11]	27	44	37.8	Mu.	110	17	[11] One of three threads rejected; see note 3, page xxix.
8174	9	46.28	3	10	37	21.90	39	18	14.3	Mu.	3	11	
	12	46.27	2			22. . . [12]			14.1	Mu.	2	24	[12] Separate threads give $22^{s}.35$, $23^{s}.68$. GZ gives $23^{s}.0$.
8175	8	46.29	2	10	37	25.74	36	2	29.6	Mu.	8	25	
	8	49.22	1			25.88			29.2	Mu.	238	98	
	9	49.21	1			26.17			26.2	Mer.	168	102	
8176	9	49.29	3	10	37	29.99	22	10	11.2	Tr.	237	17	
	9	51.18	5			30.02			6.6	Tr.	251	23	
	9	51.17	5			30.10			2.7	Tr.	250	24	
8177	10	49.21	2	10	37	42.87 [13]	41	16	5.7	Tr.	222	80	[13] R. A. increased one thread interval.
8178	6	46.29	3	10	37	47.57	36	8	34.1	Mu.	8	26	
8179	10	49.28	1	10	37	47.82	24	19	16.3	Mu.	250	7	
	10	49.25	2			48.43			16.0	Tr.	229	19	
8180	9	49.29	2	10	37	49.46	23	47	48.8	Mer.	179	27	
	10	49.30	1			49.58			52.4	Tr.	238	12	
8181	7	46.29	5	10	37	50.91	37	21	20.4	Mu.	6	6	
	9	46.29	3			51.02			21.9	Tr.	9	5	
8182	9.10	48.25	1	10	37	55.99	26	43	58.8 [14]	Mu.	162	20	[14] Decl. changed five rev south.
8183	8	46.30	7	10	37	57.41	34	33	30.5	Tr.	13	11	
8184	8	47.30	7	10	38	1.38	28	53	48.9	Tr.	111	15	
	8	46.30	5			1.42			48.8	Mer.	10	6	
	7	47.27	2			1.93 [15]			....	Mer.	91	38	[15] One of three threads rejected; R. A.=$2^{s}.65$.
8185	10	49.28	4	10	38	5.65	27	32	7.3	Mer.	178	19	
	9	47.27	2			5.66			1.7	Mu.	105	63	
8186	9	47.15	3	10	38	6.61	30	33	0.3	Mu.	97	12	
	9	47.27	3			6.64			1.2	Tr.	107	37	
	7	47.18	2			7.00 [16]			....	Mer.	87	57	[16] One of three threads rejected; R. A.=$9^{s}.56$.
8187	11	51.23	5	10	38	11.40	20	33	35.8	Mer.	235	115	
	11	51.30	5			11.53			....	Tr.	261	18	
8188	9	49.28	1	10	38	17.90	26	5	5.3	Tr.	233	23	
8189	8	49.28	1	10	38	22.81	24	14	20.6	Mu.	250	8	
	7.8	49.25	2			22.86			21.9	Tr.	229	20	
	7.8	49.28	5			22.96			22.1	Mu.	249	33	
8190	9	46.28	1	10	38	23.49	39	28	20.1	Mu.	3	12	
	10	46.27	5			23.91 [17]			23.4	Tr.	4	11	[17] One of six threads rejected; R. A.=$23^{s}.18$.
	12	46.27	. .			24. . . [18]			26.1	Mu.	2	25	[18] Minute assumed.
8191	9	51.27	5	10	38	34.28	18	55	14.8	Tr.	259	50	
8192	8	51.27	5	10	38	36.42	20	11	1.6	Mer.	237	19	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
8193	9	51.27	5	10	38	37.58	18	51	43.6	Tr.	259	51	
8194	8	49.28	2	10	38	37.99	26	43	35.1	Tr.	236	9	
	8.9	48.25	3			38.28			35.7[1]	Mu.	162	21	[1] Decl. changed five rev. south
	8.9	47.26	3			38.45			37.0	Tr.	106	13	
	9	48.24	2			38.56			35.3	Mu.	161	32	
	8	47.30	3			38.57			35.0	Mu.	111	4	
	9	49.26	2			38.75[2]			36.0	Mu.	245	57	[2] One of three threads rejected; R. A.=37^s.95.
8195	9	49.22	2	10	38	41.34	32	17	51.0	Tr.	225	97	
8196	9	47.23	3	10	38	52.51	30	4	2.1	Mu.	103	74	
	6.7	47.29	2			52.64			2.0	Tr.	109	46	
	8	47.20	2			53.98			11.0	Mer.	88	26	
8197	7.8	49.29	2	10	38	56.21	22	38	38.3	Tr.	237	18	
	9	48.23	4			56.42			42.0	Mer.	119	29	
8198	8	46.29	2	10	38	58.49	36	9	20.1	Mu.	8	27	
8199	7.8	46.30	1	10	39	0.70[3]	40	42	31.2	Mer.	11	12	[3] R. A. increased 1 min.
8200	7.6	49.28	3	10	39	6.96[4]	40	11	6.8	Mu.	248	40	[4] One of four threads rejected; R. A.=7^s.72.
8201	8	49.26	3	10	39	9.43	25	56	15.9	Mu.	245	58	
	8	48.24	3			9.47			17.1	Tr.	162	50	
	7	49.28	1			9.71			20.1	Tr.	233	24	
8202	6	51.27	5	10	39	11.63	18	58	20.9	Tr.	259	52	
8203	10	49.22	2	10	39	15.88	32	57	9.7	Mu.	240	43	
8204	9	49.28	2	10	39	22.63	27	22	39.0	Mer.	178	20	
	9	47.29	2			23.15[5]			35.9	Mu.	110	18	[5] One of three threads rejected; see note 3, page XXIX.
	8	47.27	1			23.42			35.8	Mu.	105	65	
8205	7	46.30	1	10	39	22.94	34	0	19.6	Mu.	10	38[6]	[6] GZ gives a star same Decl. as this, R. A.= 18^s.3.
8206	8.9	47.29	3	10	39	23.55[7]	27	21	8.5	Mu.	110	19	
	10	49.28	2			23.63			10.5	Mer.	178	21	[7] One of four threads rejected; see note 3, page XXIX.
	8	48.25	4			23.63			8.9	Mer.	225	5	
	7	47.27	1			23.69			7.9	Mu.	105	64	
8207	9	46.32	1	10	39	26.97	32	32	10.3	Mu.	11	22	
8208	10	49.30	1	10	39	27.23	23	47	28.8	Tr.	238	13	
	9	49.29	3			27.26			31.8	Mer.	179	28	
8209	7.8	46.30	4	10	39	32.92	40	40	21.1	Mer.	11	13	
8210	6.7	49.26	2	10	39	35.20	25	15	39.1	Tr.	230	57	
	6	49.28	4			35.50			40.5	Mer.	177	51	
8211	8	49.28	1	10	39	36.07	24	44	38.4	Mu.	250	9	
	8.9	49.28	3			37.12[8]			41.2	Mu.	249	34	[8] R. A. decreased 1 min.
	6.7	49.25	2			37.13[9]			....	Tr.	229	21	[9] Separate threads give 37^s.51, 36^s.75.
	6	49.28	2			37.13			40.8	Mer.	177	52	
	7	49.26	1			37.35			43.0	Tr.	230	58	
8212	8	48.23	2	10	39	37.46	25	36	29.9	Mu.	160	37	
8213	8	49.22	1	10	39	41.13	35	29	21.6	Mu.	238	99	
	8	49.21	4			41.49			22.2	Mer.	168	103	
8214	10	49.21	2	10	39	42.84	41	9	32.6	Tr.	222	81	
8215	10	49.21	2	10	39	52.21	41	19	7.6	Tr.	222	82	
8216	10	51.23	5	10	39	54.36	20	43	54.9	Mer.	235	116	
	7	51.30	5			54.63			....	Tr.	261	19	
8217	8	49.30	2	10	39	57.67	23	45	34.0	Tr.	238	14	
	7	49.29	2			57.70			35.5	Mer.	179	29	
8218	9	49.22	2	10	40	2.57	32	7	3.2	Tr.	225	98	
8219	7	46.30	3	10	40	4.89	33	52	0.3	Mu.	10	39	
8220	7	49.21	2	10	40	5. . .[10]	35	18	27.5	Mer.	168	104	[10] Separate threads give 5^s.27, 6^s.91.
	8	49.22	2			5.87			24.9	Mu.	238	100	
	8.9	46.30	5			5.93			27.9	Mu.	9	25	
	9.8	49.25	2			6.23			29.4	Mu.	244	26	
8221	9	49.28	2	10	40	7.85	26	58	35.5	Tr.	236	10	
	10	47.26	1			8.18			43.3	Tr.	106	14	
8222	8	51.23	5	10	40	9.52	21	3	20.0	Tr.	256	81	
	8	51.23	5			9.66			26.5	Tr.	255	70	
	8	51.23	5			9.84			23.1	Mu.	272	43	
8223	6	51.23	5	10	40	17.86	21	33	30.8	Tr.	255	71	
	7	51.23	5			18.08			25.5	Mu.	272	44	
8224	10	47.29	1	10	40	24.05	29	50	49.0	Tr.	109	47	
8225	9.10	49.22	2	10	40	24.61	33	14	8.2	Mu.	240	44	
8226	8	47.15	3	10	40	32.18	30	48	47.2	Mu.	97	13	
	7	47.27	3			32.29			49.4	Tr.	107	38	
	7	47.18	5			32.38			....	Mer.	87	58	
8227	8	47.20	2	10	40	33. . .[11]	30	25	3.7	Mer.	88	27	[11] R. A. decreased one thread interval. Separate threads give 33^s.80, 35^s.16. GZ gives 33^s.2.
8228	8	47.28	3	10	40	33.60	28	12	....	Mer.	92	29	
	9	47.18	1			35.40[12]			....	Mu.	99	6	
8229	6	51.31	5	10	40	36.67	19	32	61.2	Mu.	276	1	[12] GZ gives 33^s.7.
	8	51.26	5			36.94			59.2	Tr.	258	53	
8230	6.7	49.22	1	10	40	41.22	35	20	7.5	Mu.	238	101	
	8.9	46.30	2			41.72[13]			10.7	Mu.	9	26	[13] R. A. decreased one thread interval.
	8.7	49.25	1			42.12			13.3	Mu.	244	27	
	7	49.21	2			42.50			9.1	Mer.	168	105	
8231	10	49.22	1	10	40	52.28	33	12	5.0	Mu.	240	45	
8232	8	49.25	2	10	40	57.73[14]	38	57	4.5	Mer.	173	1	[14] One of three threads rejected; R. A.=58^s.54.
8233	9	48.24	2	10	40	58.12[15]	25	36	27.7	Tr.	162	51	[15] R. A. decreased one thread interval.
	9	48.23	1			58.53			26.8	Mu.	160	38	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
8234	7	46.30	2	10	40	59. . .[1]	33	48	23.2	Mu.	10	40	[1] Separate threads give $59^{s}.95$, $58^{s}.90$.
8235	8	51.23	5	10	41	2.66	20	23	5.7	Mer.	235	117	
	8	51.27	5			3.17			7.1	Mer.	237	20	
8236	9.10	47.27	1	10	41	4.80[2]	31	14	....	Mu.	107	83	[2] R. A. increased 1 min.
8237	6	47.27	3	10	41	12.87	30	53	52.2	Tr.	107	39	
	7	47.27	5			12.91[3]			48.4	Mu.	107	82	[3] R. A. increased 1 min.
	5	47.18	2			13.11[4]			....	Mer.	87	59	[4] Separate threads give $13^{s}.47$, $12^{s}.75$.
	8	47.15	3			13.14			49.6	Mu.	97	14	
8238	9	49.22	1	10	41	19.81	37	50	44.1	Tr.	223	80	
	8	46.29	2			20.02			35.8	Mu.	6	7	
8239	10	49.28	2	10	41	25. . .[5]	24	22	8.9	Mu.	250	10	[5] Separate threads give $25^{s}.28$, $24^{s}.37$.
	10	49.25	2			25.02			9.4	Tr.	229	22	
8240	11	51.27	5	10	41	25.99	18	49	52.2	Tr.	259	53	
8241	8	51.22	5	10	41	26.35	21	37	36.6	Mu.	270	20	
8242	10	49.21	2	10	41	38.99	41	9	13.0[6]	Tr.	222	83	[6] Decl. changed one wire interval north.
8243	9	51.27	5	10	41	40.54	19	37	6.1	Mer.	237	21	
8244	6	47.27	2	10	41	50.50	27	7	37.5	Mu.	105	66	
	7	47.30	5			50.63			36.5	Mu.	111	5	
	7	48.25	5			50.65			35.0	Mu.	162	22	
	5.6	47.26	3			50.70			36.6	Tr.	106	15	
	5	48.25	3			50.76			34.8	Mer.	225	6	
	7	49.28	2			50.88			33.5	Tr.	236	11	
	6	49.28	3			50.96			36.2	Mer.	178	22	
8245	8	47.18	1	10	41	52.85	28	18	36.0	Mu.	99	7	
	8	47.28	2			52.95			....	Mer.	92	30	
8246	9.10	49.22	2	10	41	55.08	32	17	37.8	Tr.	225	99	
8247	7	47.20	3	10	41	55.48	30	15	46.4	Mer.	88	28	
	8.9	47.23	3			55.60			48.6	Mu.	103	75	
8248	10	47.32	2	10	41	59.56	29	40	58.0	Tr.	114	4	
8249	8.9	47.23	2	10	42	1.04[7]	29	57	27.9	Mu.	103	76	[7] R. A. decreased one thread interval.
	8	47.29	3			1.24			27.5	Tr.	109	48	
8250	9	49.25	1	10	42	1.13	35	8	56.7	Mu.	244	28	
8251	9	51.30	4	10	42	2.79[8]	20	37	....	Tr.	261	20	[8] One of five threads rejected; R. A.=$2^{s}.35$.
8252	7	48.30	2	10	42	6.03	26	1	27.2[9]	Mu.	163	1	[9] Decl. changed five rev. south.
	8	49.26	4			6.09			26.4	Mu.	245	59	
	8	49.28	2			6.24			26.6	Tr.	233	25	
	9	48.23	1			6.46			24.9	Mu.	160	39	
8253	9	49.29	3	10	42	6.42	22	19	21.3	Tr.	237	19	
8254	9	47.23	1	10	42	9.10[10]	29	50	56.0	Mu.	103	77	[10] R. A. decreased one thread interval.
	7	47.29	1			9.21			54.7	Tr.	109	49	
8255	9	47.28	2	10	42	9.66	28	20	....	Mer.	92	31	
8256	9	49.25	1	10	42	14.33	35	9	12.6	Mu.	244	29	
8257	9	51.23	5	10	42	15.12	21	22	25.8	Tr.	255	72	
	8	51.23	4			15.30			22.1	Mu.	272	45	
8258	9	47.27	2	10	42	15.31	30	42	51.6	Tr.	107	40	
	9	47.15	3			15.64			37.3	Mu.	97	15	
	7	47.18	1			15.82[11]			....	Mer.	87	60	[11] R. A. decreased 1 min.
8259	10	49.28	1	10	42	16.26	27	7	37.3	Mer.	178	23	
8260	7	46.29	2	10	42	18.69	37	31	9.5	Mu.	6	8	
8261	9.10	47.32	2	10	42	19.59	29	45	33.4	Tr.	114	5	
	7	47.29	1			19.97			32.8	Tr.	109	50	
8262	9	47.27	2	10	42	23.09[12]	31	30	56.3[13]	Mu.	107	84	[12] R. A. decreased 1 min.
8263	6	47.27	1	10	42	31.54	29	12	....	Mer.	91	39	[13] Decl. changed five rev. north.
	8.9	46.30	5			31.91			4.8	Mer.	10	7	
	6	47.30	1			32.00			8.3	Tr.	111	16	
8264	7.8	49.22	2	10	42	31.66	38	22	40.4	Tr.	223	81	
	7	49.25	2			31.96			45.1	Mer.	173	2	
8265	11	49.30	2	10	42	40.65	23	58	24.1	Tr.	238	15	
8266	8	46.30	2	10	42	43.05	41	34	34.8	Mer.	13	1	
	10	49.21	2			43.14			32.9	Tr.	222	84	
8267	8	47.18	1	10	42	44.55[14]	30	37	....	Mer.	87	61	[14] R. A. decreased 1 min.
	9	47.15	2			44.72			21.5	Mu.	97	16	
8268	8	46.30	1	10	42	46.32	34	9	8.5	Mu.	10	41	
8269	8	49.22	4	10	42	58.48	33	15	55.1	Mu.	240	46	
8270	6	49.25	1	10	42	58.98	35	0	42.2	Mu.	244	30	
	8	46.30	3			59.48[15]			41.2	Mu.	9	27	[15] Two threads decreased 10 sec. each.
8271	9	51.23	5	10	43	2.11	20	35	34.2	Mer.	235	118	
	9	51.30	5			2.34			....	Tr.	261	21	
8272	10	49.21	1	10	43	16.32	35	58	34.1	Mer.	168	106	
8273	10	49.21	1	10	43	23.48	35	42	52.3	Mer.	168	107	
8274	7	51 31	5	10	43	25.93	19	14	30.4	Mu.	276	2	
	8	51.26	5			26.05			29.5	Tr.	258	54	
8275	9	49.22	..	10	43	27. . .	33	2	44.2	Mu.	240	47	
8276	8	49.25	2	10	43	30.02	24	43	47.9	Tr.	229	23	
	9	49.26	2			30.04			44.2	Tr.	230	59	
	9.10	49.28	2			30.43[16]			41.7	Mu.	250	11	[16] One of three threads rejected; R. A.=$31^{s}.24$.
	8	49.28	2			30.46			42.7	Mer.	177	53	[17] Decl. changed one rev. north.
8277	7	46.30	1	10	43	45.98	33	41	25.2[17]	Mu.	10	42	[18] Separate threads give $48^{s}.10$, $48^{s}.98$. GZ gives $48^{s}.9$.
8278	9	47.27	2	10	43	48. . .[18]	31	8	44.1	Mu.	107	85	
	8	46.34	1			49.63[19]			47.8	Mu.	12	1	[19] R. A. increased 30 sec.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
8279	9	49.22	2	10	43	49.29	31	56	47.9	Tr.	225	100	
8280	9	46.30	2	10	43	56. . .[1]	34	59	4.9	Mu.	9	28	[1] Separate threads give $56^{s}.72$, $55^{s}.87$.
	7	49.25	1			56.51			5.2	Mu.	244	31	
8281	7	51.23	5	10	43	57.86	20	43	45.0	Mer.	235	119	
	7	51.30	5			58.05			. . . .	Tr.	261	22	
8282	10	49.29	2	10	44	7.32	22	53	36.1	Tr.	237	20	
	8	51.31	4			7.33			39.1	Mer.	239	1	
	9	48.24	3			7.42			34.4	Mer.	120	41	
	8	49.29	2			7.75			34.7	Mu.	251	33	
8283	8	49.28	1	10	44	7.87	27	5	26.6	Mer.	178	24	
	9	48.25	3			8.06			29.2	Mu.	162	23	
	9	49.28	3			8.15			28.2	Tr.	236	12	
8284	10	48.30	3	10	44	11.67	27	50	0.8	Mer.	226	1	
8285	8	46.29	2	10	44	17.76	36	9	42.5	Mu.	8	28	
8286	5	51.23	5	10	44	19.99	20	27	20.5	Mer.	235	120	
	6	51.27	5			20.30			19.8	Mer.	237	22	
	. .	51.27	5			20.36			. . . .	Mer.	237	24	
	. .	51.27	5			20.44			. . . .	Mer.	237	23	
8287	9	49.26	4	10	44	22.76	26	6	11.1	Mu.	245	60	
	9	49.28	2			23.10			11.2	Tr.	233	26	
	9	48.24	1			23.92			15.0	Mu.	161	33	
8288	9	49.22	2	10	44	25.23	31	50	48.3	Tr.	225	101	
8289	8	51.23	5	10	44	26.03	21	16	45.1	Tr.	255	73	
	5	51.23	5			26.12			41.3	Mu.	272	46	
8290	10	49.25	1	10	44	30.81	34	57	16.8	Mu.	244	32	
8291	7	46.30	2	10	44	34.19	33	44	33.0	Mu.	10	43	
8292	8	47.30	6	10	44	41.17	28	51	21.6	Tr.	111	17	
	9	46.30	6			41.43			22.6	Mer.	10	8	
	8	47.27	4			41.48			. . . .	Mer.	91	40	
8293	9	48.24	1	10	44	46.23	23	34	31.5	Mer.	120	42	
	7	49.29	5			46.76			31.6	Mer.	179	30	
	8	49.30	2			46.86			32.6	Tr.	238	16	
	8	49.29	1			47.05			33.2	Mu.	251	34	
8294	9	49.21	2	10	44	47.29	40	59	32.9	Tr.	222	85	
8295	9.10	47.15	2	10	44	49.07	30	25	32.7	Mu.	97	17	
8296	8	48.25	2	10	44	51.23[2]	26	46	40.2	Mu.	162	24	[2] One of three threads rejected; R. A.=$51^{s}.97$.
	9	49.28	2			51.87			38.3	Tr.	236	13	Gou gives $51^{s}.9$.
	8	47.26	3			51.91			39.5	Tr.	106	16	
8297	10	51.27	5	10	44	57.87	18	59	55.3	Tr.	259	54	
8298	9	49.28	1	10	45	6.85	40	19	22.0	Mu.	248	41	
8299	10	49.29	2	10	45	7.78	22	24	25.0	Tr.	237	21	
8300	9	49.22	2	10	45	14.50	38	26	2.8	Tr.	223	82	
	7	49.25	4			14.86			3.0	Mer.	173	3	
8301	10	49.28	2	10	45	21.18	25	10	38.1	Mer.	177	55	
8302	9	47.32	2	10	45	24.17	29	23	11.0	Tr.	114	6	
	8	47.30	1			24.38[3]			7.9[4]	Mer.	95	26	[3] R. A. increased 10 sec.
8303	10	47.27	1	10	45	26.33	28	42	. . . .	Mer.	91	41	[4] Decl. changed one rev. north.
8304	9	49.22	2	10	45	27.80	32	51	33.6	Mu.	240	48	
8305	9	49.26	1	10	45	28.11	25	5	9.8	Tr.	230	60	
	9	49.28	3			28.45			7.1	Mer.	177	54	
8306	8	48.30	4	10	45	31.78	25	47	2.9	Mu.	163	2	
	9	48.24	3			31.82			4.2	Tr.	162	52	
8307	7	51.27	5	10	45	34.40	18	45	56.2	Tr.	259	55	
8308	8	49.29	2	10	45	35.60[5]	23	55	26.1	Mer.	179	31	[5] R. A. increased 1 min.
	8	49.30	1			36.22			24.5	Tr.	238	17	
8309	8	49.25	1	10	45	37.13	39	4	30.3	Mer.	173	4	
8310	8	49.29	2	10	45	42.65[6]	23	57	20.8	Mer.	179	32	[6] R. A. increased 1 min.
	7.8	49.30	2			43.02			21.0	Tr.	238	18	
8311	9.10	49.26	2	10	45	44.09	26	35	30.5	Mu.	245	61	
	9	48.25	2			44.12			29.3	Mu.	162	25	
	9	49.28	1			44.14			32.4	Tr.	236	14	
	9	49.28	1			44.43			29.8	Tr.	233	27	
8312	. .	51.27	5	10	45	47.40	19	49	. . . .	Mer.	237	26	
	6	51.27	5			47.45			12.7	Mer.	237	25	
	6	51.22	5			47.76			11.5	Tr.	253	36	
8313	8	51.23	5	10	45	50.09	21	13	. . . .	Tr.	255	74	
8314	8	47.30	1	10	45	50.18	29	32	54.7	Mer.	95	27	
	9	47.29	2			50.67			55.9	Tr.	109	51	
8315	7	46.28	2	10	45	54.23	39	41	42.9	Mu.	3	13	
8316	9	47.27	2	10	45	56.09[7]	31	12	3.7[8]	Mu.	107	86	[7] One of three threads rejected; R. A.=$56^{s}.86$.
	7	46.34	4			56.32			4.5	Mu.	12	2	[8] Decl. changed eight rev. south.
8317	9	49.21	4	10	45	57.41	35	55	19.1	Mer.	168	108	
	10	49.22	1			57.69			21.1	Mu.	238	102	
8318	10	49.28	1	10	45	58.75	39	50	39.4	Mu.	248	42	
8319	8	47.10	1	10	45	59.69	27	34	50.3	Mer.	85	1	
	9	47.29	2			60.40			51.3	Mu.	110	20	
	8	47.27	1			60.59			51.8	Mu.	105	67	
	8	48.30	5			60.98			53.7	Mer.	226	2	
	9	49.28	3			60.99			52.9	Mer.	178	25	
8320	7	46.30	4	10	46	3.11	34	41	32.4	Mu.	9	29	
	6.5	49.25	2			3.21			34.1	Mu.	244	33	
	7	46.30	7			3.32			37.2	Tr.	13	12	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
8321	9	47.32	2	10	46	9.10	29	17	55.5	Tr.	114	7	
	9	46.30	3			9.33			53.4[1]	Mer.	10	9	[1] Decl. changed one wire interval south.
	8.9	47.10	1			9.62			55.5[2]	Mu.	90	60	[2] Decl. changed five rev. south.
8322	5	51.31	5	10	46	9.59	19	19	56.7	Mu.	276	3	
	4	51.26	5			9.77			55.1	Tr.	258	55	
8323	9	49.22	2	10	46	12.88	32	11	34.1	Tr.	225	102	
8324	9	46.28	6	10	46	15.46	39	37	13.9	Tr	4	12	
	7	46.28	2			15.75			15.9	Mu.	3	14	
8325	9	51.31	5	10	46	15.50	19	26	24.6	Mu.	276	4	
8326	10	49.22	2	10	46	25.16	33	11	50.6	Mu.	240	49	
8327	9	49.29	1	10	46	27.75	22	33	0.9	Tr.	237	22	
8328	8.9	49.28	3	10	46	28.64[3]	24	1	19.2	Mu.	250	12	[3] One of four threads rejected; R. A.=29ˢ.35.
	7	49.29	2			28.80			17.3	Mer.	179	33	
	8	49.25	3			28.92			20.0	Tr.	229	24	
8329	9	51.23	5	10	46	30.92	20	17	51.3	Mer.	235	121	
	9	51.22	5			31.11			51.9	Tr.	253	37	
8330	7	51.31	5	10	46	32.31	23	32	7.2	Mer.	239	3	
	8	49.29	1			32.66			6.9	Mu.	251	35	
8331	10	49.29	1	10	46	35.87	23	18	13.1	Mu.	251	36	
	8	51.31	5			36.07			18.7	Mer.	239	2	
8332	10	47.30	1	10	46	36.99	29	6	56.3	Tr.	111	18	
	9	46.30	3			37.11			52.4	Mer.	10	10	
	8	47.27	1			37.33			....	Mer.	91	42	
8333	8	49.22	3	10	46	42.81	38	19	28.6	Tr.	223	83	
8334	7	46.34	3	10	46	44.22	31	31	45.4	Mu.	12	3	
	7	47.23	5			44.35			44.0	Mer.	90	84	
	8.9	47.27	3			44.60[4]			45.2	Mu.	107	87	[4] One of four threads rejected; R. A.=43ˢ.67.
8335	8	48.23	1	10	46	47.20	25	56	57.2	Mu.	160	40	
	6.7	49.28	2			47.33[5]			58.0	Tr.	233	28	[5] Separate threads give 47ˢ.70, 46ˢ.96.
	8	49.26	3			47.51			57.7	Mu.	245	62	
	7	48.30	3			47.66			58.2	Mu.	163	3	
	8	48.24	2			47.69			54.7	Tr.	162	53	
8336	10	48.23	2	10	46	49.80	22	22	52.8[6]	Mer.	119	30	[6] Decl. changed one rev. north.
	8	49.29	2			50.03			49.9	Tr.	237	23	
8337	9	48.24	1	10	46	51.03	26	23	52.9	Mu.	161	34	
8338	6	46.30	3	10	46	56.46	33	42	58.2	Mu.	10	44	
8339	6	49.22	3	10	47	1.04	35	39	35.4	Mu.	238	103	
	8	46.29	2			1.10			38.2	Tr.	11	1	
	6	49.21	3			1.24			37.4	Mer.	168	109	
8340	9	49.22	2	10	47	4.06	31	59	42.7	Tr.	225	103	
8341	9	47.23	4	10	47	8.15	30	20	51.7	Mu.	103	78	
	8	47.20	1			8.37			53.4	Mer.	88	30	
	9	47.15	3			8.41			49.3	Mu.	97	18	
8342	7	51.31	5	10	47	9.28	19	26	14.0	Mu.	276	5	
	9	51.26	5			9.35			14.6	Tr.	258	56	
8343	8	46.29	3	10	47	11.21	37	23	2.0	Mu.	6	9	
8344	8	51.23	5	10	47	13.65	20	36	50.6	Mer.	235	122	
8345	7	46.30	2	10	47	17.86	34	9	54.6	Mu.	10	45	
8346	10	47.30	1	10	47	24.89	29	40	37.9	Mer.	95	28	
8347	8	49.25	2	10	47	27.27	24	0	48.1	Tr.	229	25	
	8	49.29	1			27.46			43.5	Mer.	179	34	
	9.10	49.28	2			27.59			43.9	Mu.	250	13	
	9	49.30	3			27.63			46.9	Tr.	238	19	
8348	7	49.28	2	10	47	27.32	26	0	36.2	Tr.	233	29	
	8	48.30	3			27.42			39.7	Mu.	163	4	
	9	49.26	2			27.52			37.9	Mu.	245	63	
	10	48.24	1			27.67			39.9	Tr.	162	54	
8349	9	49.26	1	10	47	28.87	24	53	5.6	Tr.	230	61	
	9	49.28	4			28.94			9.8	Mer.	177	56	
8350	8	49.22	2	10	47	42.18	37	57	25.9	Tr.	223	84	
8351	9	47.32	3	10	47	44.27	29	32	16.0	Tr.	114	8	
	8	47.29	3			44.33[7]			17.8	Tr.	109	52	[7] R. A. increased 1 min.
	8	47.30	1			44.45			14.0	Mer.	95	29	
8352	9	46.32	2	10	47	48.79	32	24	0.7	Mu.	11	24	
8353	8	51.31	5	10	47	50.18	22	7	34.7	Tr.	262	10	
	8	51.18	5			50.21			33.1	Tr.	251	24	
	8	51.22	5			50.29			34.1	Mu.	270	21	
8354	6	51.27	5	10	47	52.50	19	51	58.6[8]	Mer.	237	27	[8] Decl. changed six rev. south. If instead Decl. be changed one wire interval and one rev. south, Decl.=60″.8.
	5	51.30	5			52.74			65.2	Mer.	238	1	
8355	8	49.21	3	10	47	55.71	41	13	2.3	Tr.	222	86	
	7	46.30	3			56.20			12.5[9]	Mer.	13	2	[9] Decl. changed one rev. north.
8356	10	49.22	1	10	47	57.58	33	4	43.5	Mu.	240	50	
8357	9	47.23	2	10	48	5.61	31	0	10.1[10]	Mer.	90	85	[10] Micrometer reading assumed as 49.04 instead of 49.4 rev., as recorded.
	9	47.15	2			5.92			9.5	Mu.	97	19	
	9	47.27	2			6.15[11]			9.3	Mu.	107	88	[11] R. A. decreased one thread interval and 10 sec.
8358	8	51.22	5	10	48	7.37	22	14	28.2[12]	Mu.	270	23	[12] Decl. changed five rev. south.
8359	10	47.23	1	10	48	8.40[13]	29	49	14.2	Mu.	103	79	[13] "Time of transit doubtful." GZ gives 12ˢ.0.
	9	47.29	2			11.88			12.4	Tr.	109	53	
8360	10	46.30	2	10	48	11.25	41	4	58.9[14]	Mer.	13	3	[14] Decl. changed one wire interval north.
	9	49.21	2			11.28			57.5	Tr.	222	87	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
8361	10	49.29	2	10	48	12.23	22	23	34.5	Tr.	237	24	
8362	7.8	46.30	2	10	48	13.64	41	27	10.1	Mer.	13	4	
8363	9	49.29	1	10	48	16.14	23	13	29.9	Mu.	251	37	
8364	7.8	49.26	3	10	48	16.60	26	10	47.1	Mu.	245	64	
	7	49.28	2			16.84			44.5	Tr.	233	30	
	7	48.24	2			17.01[1]			47.7	Mu.	161	35	[1] Minute assumed. R. A. decreased one thread interval.
8365	9	46.30	2	10	48	19.84	34	41	52.2	Mu.	9	30	
	8	46.30	6			20.29			49.5	Tr.	13	13	
	7.8	49.25	2			20.43			54.8	Mu.	244	34	
8366	9	51.23	5	10	48	23.02	20	43	3.0	Mer.	235	123	
	9	51.30	5			23.27			....	Tr.	261	23	
8367	8	49.22	1	10	48	24.01	36	2	4.6	Mu.	238	104	
	9	49.21	2			24.42			4.3	Mer.	168	110	
8368	8	48.30	5	10	48	24.14[2]	27	13	53.8	Mer.	226	3	[2] One thread increased 10 sec.
	9	49.28	1			24.15			53.8	Mer.	178	26	
	9	47.29	1			24.22[3]			54.5	Mu.	110	21	[3] One of two threads rejected; see note 3, page XXIX.
8369	10	48.23	1	10	48	26.25	25	33	8.4	Mu.	160	41	
	8.9	48.30	1			26.26			9.1	Mu.	163	5	
8370	8	49.28	3	10	48	41.11	27	1	15.4	Tr.	236	15	
	9	47.26	2			41.17			17.7	Tr.	106	17	
	8	48.25	3			41.18			16.9	Mu.	162	26	
8371	6	47.23	2	10	48	46. .[4]	30	59	13.0	Mer.	90	86	[4] Separate threads give 45ˢ.60, 46ˢ.66.
	7	47.27	3			46.09			13.4	Tr.	107	41	
	8	47.15	3			46.23			14.2	Mu.	97	20	
	7	47.27	3			46.31			13.6	Mu.	107	89	
	6	46.34	3			46.37			14.3	Mu.	12	4	
8372	9	47.20	1	10	48	46.46[5]	30	1	41.9	Mer.	88	31	[5] R. A. decreased 1 min.
8373	9	48.24	2	10	48	46.58	23	14	36.1[6]	Mer.	120	43	[6] Decl. changed one rev. north.
	7	51.31	5			46.87			29.2[7]	Mer.	239	4	[7] Decl. changed three wire intervals north.
	7	49.29	1			46.96			30.5	Mu.	251	38	
8374	9	51.30	4	10	48	47.22[8]	20	19	45.5[9]	Mer.	238	2	[8] One of five threads rejected; R. A.=46ˢ.56.
8375	8	49.21	2	10	48	47.55	35	52	48.2	Mer.	168	111	[9] Decl. changed one rev. south.
8376	9	51.30	..	10	48	49...	20	18	50.6[10]	Mer.	238	3	[10] If micrometer reading be assumed as 45.445 instead of 45.145 rev., as recorded, Decl.= 40″.4.
	8	51.22	5			49.94			42.9[11]	Tr.	253	38	
8377	9	51.18	5	10	48	50.55	22	5	5.8	Tr.	251	25	
	8	51.22	5			50.66			4.8	Mu.	270	22	[11] One transit thread rejected; Decl.=29″.6.
8378	9	49.22	2	10	48	52.06	32	15	45.5	Tr.	225	104	
8379	9	51.27	5	10	48	52.21	18	43	20.9	Tr.	259	56	
8380	9	49.28	3	10	49	2.46	24	47	7.0[12]	Mu.	250	14	[12] Decl. changed one rev. north.
	9	49.26	2			2.53			7.3	Tr.	230	62	
	8	49.28	3			2.79			6.9	Mer.	177	57	
	8	49.30	2			2.95			5.8	Mu.	252	1	
8381	10	47.28	1	10	49	3.25	28	27	....	Mer.	92	32	
	..	47.27	1			4.54			....	Mer.	91	43	
8382	9	51.27	4	10	49	3.38	19	47	54.1	Mer.	237	28	
8383	8.9	49.28	1	10	49	12.79	40	24	3.3	Mu.	248	43	
	7.8	46.30	4			12.92			0.7	Mer.	11	14	
8384	8.9	46.28	3	10	49	16.16	39	16	58.1	Mu.	3	15	
8385	8	51.23	5	10	49	18.58	20	28	36.1	Mer.	235	124	
	6	51.30	5			18.90			....	Tr.	261	24	
8386	9	51.27	4	10	49	24.66[13]	19	51	55.7	Mer.	237	29	[13] One of five threads rejected; R. A.=25ˢ.03.
8387	7	46.30	2	10	49	30.71	33	45	54.3	Mu.	10	46	
8388	8	51.23	5	10	49	34.22	21	14	5.7	Tr.	255	75	
8389	9	46.28	1	10	49	37.17	39	19	....	Mu.	3	16	
8390	10	49.29	2	10	49	38.19	22	36	4.8	Tr.	237	25	
8391	4[15]	51.23	4	10	49	40.21	20	46	12.6[14]	Mer.	235	125	[14] Decl. changed three wire intervals south.
	9	51.30	5			40.64			....	Tr.	261	25	[15] BD gives mag. 8.8.
8392	8	49.21	1	10	49	41.48	35	47	6.0	Mer.	168	112	
	8	49.22	1			41.80			2.9	Mu.	238	105	
8393	3	46.29	7	10	49	44.06	36	19	54.9	Mu.	8	29	
8394	8	47.18	2	10	49	45.87[16]	30	24	....	Mer.	87	63	[16] One of three threads rejected; R. A.=45ˢ.08.
	8	47.15	3			45.99			7.4	Mu.	97	21	
	7	47.27	3			46.09			5.6	Tr.	107	42	
	8.9	47.23	3			46.23			8.6	Mu.	103	80	
8395	8.9	49.22	2	10	49	48.34	31	45	17.6	Tr.	225	105	
8396	9	49.21	2	10	49	51.29	41	14	27.4	Tr.	222	88	
	10	46.30	1			51.31			27.3[17]	Mer.	13	5	[17] Decl. changed one wire interval north.
8397	9	51.30	5	10	49	52.92	20	51	....	Tr.	261	26	
8398	7.8	47.27	4	10	49	53.78	27	40	31.2	Mu.	105	68	
	9	49.28	3			53.81			34.2	Mer.	178	27	
	8.9	47.29	3			53.88[18]			32.6	Mu.	110	22	[18] One of four threads rejected; see note 3, page XXIX.
	7	48.30	4			53.91			30.6	Mer.	226	4	
	9	48.25	6			54.08			31.5	Mer.	225	7	
	8	47.10	2			54.94			31.3	Mer.	85	2	
8399	10	49.22	2	10	50	1.06	37	57	15.8	Tr.	223	85	
8400	6	47.23	1	10	50	5.03	31	13	54.2	Mer.	90	87	
	9	47.27	3			6.16			54.3	Mu.	107	90	
8401	10	49.28	2	10	50	8.42	24	29	37.1	Mu.	250	15	
	9	49.25	3			8.77			37.2	Tr.	229	26	
8402	8.9	49.28	1	10	50	12.12	40	10	5.3	Mu.	248	44	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
8403	7	49.22	1	10	50	13.25	35	24	49.5	Mu.	238	106	
	7.8	49.25	2			13.39			52.7	Mu.	244	35	
	7	49.21	1			13.76			53.9	Mer.	168	113	
8404	10	49.29	1	10	50	13.26	23	8	15.2	Mu.	251	39	
8405	9	47.30	2	10	50	14.58	28	28	48.3	Tr.	111	19	
	8	47.28	2			14.61			....	Mer.	92	33	
	8	47.27	1			14.69			....	Mer.	91	44	
	8	47.18	1			14.79			47.8	Mu.	99	8	
8406	10	47.32	1	10	50	30.96	29	27	29.5	Tr.	114	9	
	8	47.30	3			30.97			28.3	Mer.	95	30	
	8	47.29	2			31.01			31.0	Tr.	109	54	
8407	9	46.29	7	10	50	32.42	37	2	30.9	Tr.	9	6	
8408	9	51.27	5	10	50	32.78	18	55	58.3	Tr.	259	57	
8409	8	49.29	1	10	50	32.97	23	14	11.6	Mu.	251	40	
	7	51.31	5			33.13			11.1	Mer.	239	5	
	9	48.24	3			33.26			6.9	Mer.	120	44	
8410	9	47.27	2	10	50	34.98	31	6	52.7	Mu.	107	91	
8411	6	51.23	5	10	50	36.91	21	13	15.7	Tr.	255	76	
	9	51.23	5			36.93			12.4	Tr.	256	82	
8412	9.8	49.28	2	10	50	44.35	40	19	43.5	Mu.	248	45	
	7.8	46.30	5			44.51			42.1 [1]	Mer.	11	15	[1] Decl. changed one wire interval south.
8413	11	51.26	5	10	50	47.83	19	11	30.7	Tr.	258	57	
8414	8	48.25	3	10	50	48.61	27	30	52.1	Mer.	225	8	
	8	48.30	4			48.69			50.9	Mer.	226	5	
	8	49.28	3			48.69			50.2	Mer.	178	28	
	8.9	47.29	3			48.73			50.9	Mu.	110	23	
	8	47.10	2			48.92			52.2	Mer.	85	3	
	7	47.27	1			49.05			51.4	Mu.	105	69	
8415	9	46.30	2	10	50	49.62	34	50	23.5	Mu.	9	31	
	8	49.25	1			50.14			20.9	Mu.	244	36	
8416	9	51.27	5	10	50	54.42	18	33	41.4	Tr.	259	58	
8417	7.8	46.26	5	10	50	55.25	45	4	31.4	Mer.	1	3	
8418	7	47.27	2	10	51	0.84	28	26	....	Mer.	91	45	
	7	47.18	2			1.02			14.0	Mu.	99	9	
	7	47.30	1			1.09			13.9	Tr.	111	20	
	7	47.28	3			1.12 [2]			....	Mer.	92	34	[2] Minute assumed.
8419	9.10	49.26	2	10	51	1.67	26	10	52.6	Mu.	245	65	
8420	9	49.25	1	10	51	5.40	34	45	44.8	Mu.	244	38	
8421	8.9	47.15	3	10	51	7.77	30	45	38.2	Mu.	97	22	
	8	47.18	3			8.32 [3]			....	Mer.	87	64	[3] One thread decreased 10 sec. One of four threads rejected; R. A.=$7^{s}.55$.
8422	8	49.21	3	10	51	8.09	41	14	15.3	Tr.	222	89	
	8	46.30	3			8.30			11.8	Mer.	13	6	
8423	8	46.30	3	10	51	10.84 [4]	34	52	5.2	Tr.	13	14	[4] One of four threads rejected; R. A.=$12^{s}.11$.
	8	49.25	1			11.25			3.4	Mu.	244	37	
	9	46.30	2			11.26			6.1	Mu.	9	32	
8424	9	49.22	2	10	51	11.24	31	47	51.0	Tr.	225	106	
8425	7.8	46.29	4	10	51	11. . . [5]	37	54	42.9	Mu.	6	11	[5] First two threads give $10^{s}.79$; last two give $11^{s}.85$. Gou gives $11^{s}.3$.
	9	49.22	2			11.41			45.7	Tr.	223	86	
8426	7	49.29	3	10	51	17.13	23	44	29.2	Mer.	179	36	
	8	49.30	3			17.35			29.1	Tr.	238	20	
8427	7	49.29	2	10	51	18.23	23	23	57.0	Mu.	251	41	
	9	48.24	2			18.26 [6]			50.7	Mer.	120	45	[6] One of three threads rejected; R. A.=$19^{s}.30$.
	7	51.31	5			18.32			57.3	Mer.	239	6	
	6	49.29	2			18.35			56.9	Mer.	179	35	
8428	9	49.30	2	10	51	26. . . [7]	25	18	35.5	Mu.	252	2	[7] Separate threads give $26^{s}.94$, $26^{s}.01$.
	9	49.26	1			26.38			33.4	Tr.	230	63	
	9	49.28	4			26.59			33.8	Mer.	177	58	
8429	9	49.28	3	10	51	30.60	26	45	23.9	Tr.	236	16	
8430	9	47.28	1	10	51	31.53	28	20	....	Mer.	92	35	
8431	10	51.31	5	10	51	31.86	19	14	62.1	Mu.	276	6	
	10	51.26	5			31.96			59.5	Tr.	258	58	
8432	5	51.27	5	10	51	34.85	18	47	54.1	Tr.	259	59	
8433	10	46.27	1	10	51	37.24 [8]	39	7	31.4	Mu.	2	26	[8] GZ gives $38^{s}.7$.
	8	49.25	5			38.76			26.8	Mer.	173	5	
8434	11	49.28	2	10	51	37.40	25	17	42.6	Mer.	177	59	
8435	10	51.23	5	10	51	41.61	21	9	3.8	Tr.	255	77	
	10	51.23	5			41.83			3.7	Tr.	256	83	
8436	9	51.23	4	10	51	41.86	20	22	7.4 [9]	Mer.	235	126	[9] Decl. changed three wire intervals north.
8437	10	51.30	5	10	51	48.42	20	54	....	Tr.	261	27	
8438	8	49.29	2	10	51	48.73	22	26	54.5	Tr.	237	26	
8439	7	46.30	2	10	51	54.21	33	41	39.9 [10]	Mu.	10	47	[10] If micrometer reading be assumed as 38.58 instead of 38.18 rev., as recorded, Decl.=14″.7. GZ gives 16″.
8440	9	51.27	5	10	51	54.80	18	40	33.9	Tr.	259	60	
8441	8	47.27	1	10	51	57.32	27	39	5.9	Mu.	105	70	
	9	47.29	4			57.39			6.7	Mu.	110	24	
	9	49.28	3			57.43			7.6	Mer.	178	29	
	8	47.10	1			57.52			8.2	Mer.	85	4	
8442	7	46.30	2	10	51	57.74	33	49	24.8	Mu.	10	48	
8443	8	46.30	2	10	52	2.91 [11]	33	33	53.9	Mu.	10	49	[11] R. A. increased 1 min.
	9	49.22	1			3.03			57.3	Mu.	240	52	
8444	8	46.30	2	10	52	4.21 [12]	33	30	9.8	Mu.	10	50	[12] R. A. increased 1 min.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
8445	8	47.30	1	10	52	4.92	29	8	7.6	Mer.	95	31	
8446	7	51.23	5	10	52	5.41	20	14	37.6	Mer.	235	127	
	8	51.27	5			5.63			36.6[1]	Mer.	237	30	[1] Decl. changed ten rev. south.
	8	51.30	5			5.92			41.2	Mer.	238	4	
	7	51.22	5			5.99			36.7	Tr.	253	39	
8447	7.6	49.22	2	10	52	9.62	35	42	16.7[2]	Mu.	238	107	[2] If micrometer reading be assumed as 28.858 instead of 28.658 rev., as recorded, Decl. = 4″.1.
	7	49.21	4			9.83			4.9	Mer.	168	114	
	11	46.29	2			9.92			1.5	Tr.	11	2	
8448	7	49.22	4	10	52	9.76	32	55	57.2	Mu.	240	51	
8449	8	49.26	3	10	52	10.75	25	57	57.6	Mu.	245	66	
	8	49.28	2			10.79			52.2	Tr.	233	31	
	9	48.24	3			10.81			56.7	Tr.	162	55	
	8	48.30	5			10.87			57.4	Mu.	163	6	
8450	10	51.23	5	10	52	16.89	21	9	39.1	Tr.	256	84	
8451	8	48.24	1	10	52	18.27	26	40	47.8	Mu.	161	36	
	9	48.25	2			18.36[3]			45.7	Mu.	162	27	[3] R. A. decreased 1 min.
	9.10	49.26	1			18.49			49.5	Mu.	245	67	
	10	47.26	1			18.70			45.5	Tr.	106	18	
	7	49.28	2			18.74			48.7	Tr.	236	17	
8452	6	46.32	4	10	52	27.94	32	16	21.8	Mu.	11	25	
	8.9	49.22	2			28.10[4]			22.7	Tr.	225	107[5]	[4] R. A. increased 10 sec.
8453	8	46.32	4	10	52	29.94	32	14	34.5	Mu.	11	26	[5] If instead of increasing R. A. 10 sec., Decl. be changed two rev. north, this would agree with CPD—32°3032.
8454	8	46.34	4	10	52	35.34[6]	31	26	18.2	Mu.	12	5	
	9	47.27	3			35.70			16.7	Mu.	107	92	
	7	47.23	3			35.97[7]			15.5	Mer.	90	88	[6] Two threads decreased one thread interval each. One of five threads rejected, R. A. = $36^s.44$.
	9	47.34	2			36.03			18.4	Tr.	115	1	
8455	10	49.28	2	10	52	38.53	24	43	40.9	Mu.	250	16	
	9	49.26	1			38.57			39.9	Tr.	230	64	[7] R. A. decreased one thread interval. One of four threads rejected; R. A. = $35^s.19$.
	8	49.25	3			38.65			37.3	Tr.	229	27	
8456	7.8	46.29	2	10	52	40.58[8]	37	39	18.2[9]	Mu.	6	12	[8] R. A. decreased 30 sec.
8457	9	47.29	2	10	52	42.24[10]	30	6	18.4	Tr.	109	55	[9] Decl. changed ten rev. south.
	..	47.20	1			42.25[11]			24.7	Mer.	88	33	[10] One thread decreased 10 sec.
8458	..	49.28	2	10	52	46.05	24	56	21.6	Mer.	177	60	[11] R. A. increased one thread interval.
8459	9	51.31	5	10	52	47.82	19	14	47.1	Mu.	276	7	
	8	51.26	5			48.01			46.3	Tr.	258	59	
8460	9	49.26	1	10	52	50.26	26	28	42.0	Mu.	245	68	
	7	48.24	7			50.37			41.0	Mu.	161	37	
	9	49.28	2			50.44			39.1	Tr.	233	32	
8461	10	49.30	1	10	52	51.00[12]	25	13	32.1	Mu.	252	3	[12] R. A. increased 1 min.
8462	9	47.27	2	10	52	53.65	31	31	32.0	Mu.	107	93	
	9	47.34	1			54.43			34.6	Tr.	115	2	
	7	47.23	1			55.35			32.2	Mer.	90	89	
8463	8	51.23	5	10	53	4.23	21	24	22.7	Tr.	255	78	
	10	51.23	5			4.25			24.2[13]	Tr.	255	79	[13] One transit thread rejected; Decl. = 15″.8.
8464	8	48.30	2	10	53	4.57[14]	27	38	34.2	Mer.	226	6	[14] R. A. increased 1 min. and one thread interval. One of three threads rejected, R. A. = $5^s.30$.
8465	8	49.29	2	10	53	9.78	22	36	48.6	Tr.	237	27	
8466	9	51.22	5	10	53	13.63	21	59	54.1	Mu.	270	24	
8467	9	47.27	1	10	53	16.20	27	25	36.1	Mu.	105	71	
8468	5	49.21	3	10	53	16.88	41	25	23.4	Tr.	222	90	
	5	46.30	6			17.01			19.3	Mer.	13	7	
8469	5	51.27	5	10	53	17.71	18	32	28.9	Tr.	259	61	
8470	8	49.26	2	10	53	19.08	25	3	3.3	Tr.	230	65	
	..	49.28	2			19.09			4.0	Mer.	177	61	
	7	49.30	1			19.27[15]			3.6	Mu.	252	4	[15] R. A. decreased one thread interval.
8471	8	51.26	5	10	53	23.14	19	30	40.8	Tr.	258	60	
8472	8	46.27	7	10	53	26.41	39	26	43.1	Tr.	4	13	
	7	46.28	6			26.53			40.1	Mu.	3	17	
8473	9.10	46.29	7	10	53	28.47	44	6	24.1[16]	Mer.	5	7	[16] Decl. changed one rev. south.
8474	..	49.28	2	10	53	28.52	24	54	43.7	Mer.	177	62	
	7	49.26	2			28.57			43.1	Tr.	230	66	
	7	49.30	1			28.81			44.7	Mu.	252	5	
8475	7	47.27	..	10	53	33. ..	31	2	22.3	Mu.	107	94	
	6	46.34	..			33. ..			23.8	Mu.	12	6	
	6	47.18	4			33.55[17]			....	Mer.	87	65	[17] One of five threads rejected; R. A. = $34^s.48$.
	7.8	47.15	5			33.98			24.1	Mu.	97	23	
	5.6	47.27	3			34.08			16.8	Tr.	107	43	
8476	9	47.27	1	10	53	40.68	29	5	....[18]	Mer.	91	46	[18] Decl. changed one rev. north
8477	11	51.30	5	10	53	45.14	20	41	....	Tr.	261	28	
8478	10	49.21	1	10	53	46.12	35	53	34.3	Mer.	168	115	
8479	9	46.30	2	10	53	48.29	34	45	19.1	Mu.	9	33	
	10	49.25	3			48.49			18.9	Mu.	244	39	
8480	8	51.23	5	10	53	52.16	20	22	7.1	Mer.	235	128	
8481	9.10	47.15	3	10	53	52.87	30	59	51.6	Mu.	97	24	
8482	8	46.27	1	10	53	58.11[19]	39	41	37.7	Mu.	2	27	[19] R. A. increased one thread interval.
8483	9	49.29	2	10	54	8.64	22	36	38.6	Tr.	237	28	
8484	7	48.30	5	10	54	15.25	27	21	28.3	Mer.	226	7	
	9	47.27	1			15.45			28.1	Mu.	105	72	
8485	9	49.22	2	10	54	19.07	31	35	33.3	Tr.	225	108	
8486	10	47.34	1	10	54	20.82	31	15	14.6	Tr.	115	3	
8487	8	51.31	5	10	54	23.15	19	15	13.1	Mu.	276	8	
	8	51.26	5			23.34			9.6	Tr.	258	61	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
8488	8	46.30	3	10	54	39.70	33	6	15.8	Tr.	14	1	
	9	49.22	3			39.88			16.2	Mu.	240	53	
8489	9	51.23	5	10	54	39.82	20	41	23.9	Mer.	235	130	
8490	8	51.23	5	10	54	43.12	21	20	50.0	Tr.	255	80	
	8	51.23	5			43.25			46.5	Tr.	256	85	
8491	10	46.30	3	10	54	44.65	29	3	59.8[1]	Mer.	10	11	[1] Decl. changed ten rev. south.
8492	10	51.23	5	10	54	48.52	21	4	34.6	Tr.	256	86	
8493	10	49.29	2	10	54	55.90	22	35	59.4	Tr.	237	29	
8494	9	49.30	3	10	54	57.61	23	55	6.8	Tr.	238	21	
	9	49.29	3			57.78			3.2	Mer.	179	37	
8495	8.9	46.29	7	10	55	0.62	37	1	38.2	Tr.	9	7	
8496	6.7	51.23	5	10	55	6.46	20	36	20.9	Mer.	235	129	
	6	51.30	5			6.67			....	Tr.	261	29	
8497	8	48.24	3	10	55	8.98	26	1	13.6[2]	Tr.	162	56	[2] Decl. changed one rev. south.
	6	48.30	5			9.04			14.0	Mu.	163	7	
	7	49.26	5			9.08			13.5	Mu.	245	69	
	6	49.28	3			9.18			10.1	Tr.	233	33	
8498	6.7	49.28	3	10	55	18.45	40	18	23.5	Mu.	248	46	
	7	46.30	5			18.49			25.9	Mer.	11	16	
8499	9	49.21	3	10	55	18.92	41	41	33.1	Tr.	222	91	
	10	46.30	6			19.09			32.7	Mer.	13	8	
8500	9	49.29	2	10	55	23.12	22	48	29.0	Tr.	237	30	
	8	51.31	5			23.23			33.3	Mer.	239	8	
8501	9	49.21	4	10	55	23.34	35	26	9.4	Mer.	168	116	
	9	49.22	1			23.37[3]			7.2	Mu.	238	108	[3] R. A. increased 1 min.
8502	10	49.22	1	10	55	23.58	38	23	46.3	Tr.	223	87	
8503	6	49.30	1	10	55	25.95	25	4	56.3	Mu.	252	6	
	7	49.26	2			26.11			54.5	Tr.	230	67	
	7	49.28	2			26.24			55.4	Mer.	177	63	
8504	10	47.27	1	10	55	26.16[4]	28	40	....	Mer.	91	47	[4] AW gives $28^{s}.2$. GZ gives $28^{s}.3$.
8505	8	49.25	1	10	55	37.73	38	24	48.6	Mer.	173	6	
	10	49.22	1			37.79			52.3	Tr.	223	88	
8506	8	51.31	5	10	55	37.81	23	10	54.6	Mer.	239	7	
	7	49.29	2			37.86			54.9	Mu.	251	42	
	9	48.24	3			38.11			50.6	Mer.	120	46	
8507	9	46.28	4	10	55	37.96	39	17	53.1	Mu.	3	18	
8508	8	47.27	1	10	55	38.71	27	55	3.3	Mu.	105	73	
	9	49.28	3			38.98			7.9	Mer.	178	30	
	8	47.10	4			39.15			4.6	Mer.	85	5	
8509	9.10	49.28	1	10	55	38.77	40	6	6.5	Mu.	248	47	
8510	7	49.28	1	10	55	48.27	24	46	10.3	Mu.	249	35	
	7	49.28	5			49.13			8.8	Mu.	250	17	
	5	49.26	1			49.36			9.7	Tr.	230	68	
	6	49.28	2			49.49[5]			10.7	Mer.	177	64	[5] One thread decreased 10 sec.
	8	49.27	4			49.60			10.6	Mer.	176	1	
	5	49.30	1			49.70			10.4	Mu.	252	7	
8511	10	49.25	2	10	55	51.70	24	22	9.4	Tr.	229	28	
8512	8.9	47.10	2	10	55	57.11	29	22	26.5	Mu.	90	61	
	8	47.30	4			57.14			31.0	Mer.	95	32	
8513	9	49.26	1	10	56	2.39	26	42	42.4	Mu.	245	70	
	7	48.24	2			2.91			42.9	Mu.	161	38	
	8	49.28	3			3.10			34.1[6]	Tr.	236	18	[6] If micrometer reading be assumed as 7.20 instead of 7.2 rev., as recorded, Decl. =43″ 2.
	8	47.26	3			3.21			41.0	Tr.	106	19	
	8	48.25	4			3.32[7]			41.6	Mu.	162	28	[7] R. A. decreased 1 min.
8514	9	49.29	2	10	56	5.51	22	58	34.0	Mu.	251	43	
8515	9	49.25	2	10	56	7.42	35	0	53.5	Mu.	244	40	
8516	7.8	47.27	5	10	56	7.49	31	9	10.7	Mu.	107	95	
	5	47.34	2			7.65			11.8	Tr.	115	4	
	6	46.34	4			7.66			10.7	Mu.	12	7	
	4	47.23	4			7.97			10.0	Mer.	90	90	
8517	9	46.26	3	10	56	7.77[8]	44	38	20.9	Mer.	1	4	[8] One of four threads rejected; R. A.=$6^{s}.98$.
8518	9	51.30	5	10	56	15.93	20	45	....	Tr.	261	30	
8519	10	51.31	5	10	56	19.53	22	0	35.2	Tr.	262	11	
	9	51.18	5			19.59			34.2	Tr.	251	26	
8520	8	47.30	2	10	56	23.91	29	27	31.4	Mer.	95	33	
	8	47.29	2			24.36			31.4	Tr.	109	56	
8521	7	49.28	2	10	56	23.98	25	7	32.6	Mer.	177	65	
8522	8	49.26	1	10	56	25.09	24	51	11.8	Tr.	230	69	
	7.6	49.30	1			25.44			10.9	Mu.	252	8	
	7	49.28	1			25.45			14.9	Mer.	177	66	
8523	9	46.30	1	10	56	30.61	34	50	49.7	Mu.	9	34[9]	[9] "Time of transit doubtful." Unidentified. Looked for with equatorial but not found.
8524	9	49.21	2	10	56	31.62	35	51	24.6	Mer.	168	117	
	8	49.22	1			31.84			21.8	Mu.	238	109	
8525	10	49.22	1	10	56	31.72	38	12	56.0	Tr.	223	89	
8526	9	46.29	..	10	56	32...	37	35	39.8	Mu.	6	13	
8527	4	51.27	5	10	56	32.16	18	50	32.5	Tr.	259	62	
8528	9	51.27	5	10	56	33.90	19	56	43.0[10]	Mer.	237	31	[10] Decl. changed three wire intervals and one rev. south.
	8	51.30	5			34.15			42.9	Mer.	238	5	
8529	10	51.31	5	10	56	38.57	22	6	11.4	Tr.	262	12	
	10	51.22	3			38.78			13.4	Mu.	270	25	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
8530	9. 10	49. 22	2	10	56	40. 37	32	54	25. 3	Mu.	240	54	
8531	8. 9	49. 28	1	10	56	43. 67	40	17	58. 3	Mu.	248	48	
8532	7	46. 32	3	10	56	46. 10	32	38	9. 8	Mu.	11	27	
8533	9	47. 15	4	10	56	46. 15	30	45	3. 0	Mu.	97	25	
8534	10	46. 30	3	10	56	46. 30	29	0	59. 7	Mer.	10	12	
	9	47. 27	1			46. 82			. . . .	Mer.	91	48	
8535	10	51. 23	5	10	56	49. 67	21	29	35. 8	Tr.	255	81	
	9	51. 23	5			49. 82			35. 2	Tr.	256	87	
8536	9	49. 22	3	10	56	57. 94	31	46	44. 0	Tr.	225	109	
8537	9. 10	49. 26	1	10	57	1. 56[1]	26	28	43. 3	Mu.	245	71	[1] R. A. decreased 10 sec.
	9	49. 28	1			1. 58			44. 2	Tr.	233	34	
8538	10	46. 30	1	10	57	3. 27	33	7	57. 8	Tr.	14	2	
8539	9	51. 27	5	10	57	4. 62	20	8	18. 5[2]	Mer.	237	32	[2] Decl. changed five rev. north.
	8	51. 30	5			4. 73			20. 2	Mer.	238	6	
8540	9	46. 27	2	10	57	9. 95	39	30	2. 9	Mu.	2	28	
	7	46. 28	4			10. 12			2. 5	Mu.	3	19	
	7	46. 27	6			10. 17			5. 2	Tr.	4	14	
8541	8	51. 23	5	10	57	10. 35	20	19	7. 0	Mer.	235	131	
	6	51. 27	5			10. 69			7. 2[3]	Mer.	237	33	[3] Decl. changed four wire intervals south.
	7	51. 30	5			10. 98			7. 3	Mer.	238	7	
8542	10	47. 34	1	10	57	11. 15	31	10	14. 2	Tr.	115	5	
8543	8	49. 21	2	10	57	11. 92	36	1	51. 7	Mer.	168	118	
	9	49. 22	1			12. 35			59. 2	Mu.	238	111	
8544	6	49. 22	1	10	57	13. 70	35	54	51. 4	Mu.	238	110	
	7	46. 29	3			13. 82			52. 0	Mu.	8	30	
	8	46. 29	2			13. 82			49. 1	Tr.	11	3	
	7	49. 21	2			13. 91			52. 5	Mer.	168	119	
8545	8	51. 22	5	10	57	18. 33	21	58	31. 2	Mu.	270	26	
	8	51. 18	5			18. 33			27. 4	Tr.	251	27	
	6	51. 31	5			18. 34			29. 4	Tr.	262	13	
8546	8	47. 20	5	10	57	21. 39	30	2	3. 2	Mer.	88	34	
	6. 7	47. 29	2			21. 50			1. 0	Tr.	109	57	
	9	47. 23	4			21. 84			1. 6	Mu.	103	81	
8547	9	46. 29	4	10	57	26. 93	39	0	46. 5	Mu.	5	24	
	6	49. 25	4			27. 66			47. 4	Mer.	173	7	
8548	9	47. 27	2	10	57	32. 95	31	16	4. 7	Mu.	107	96	
8549	10	49. 25	1	10	57	38. 12	35	0	1. 2	Mu.	244	41	
8550	10	49. 22	2	10	57	39. 13	33	5	34. 8	Mu.	240	55	
	10	46. 30	1			40. 06			. . . .	Tr.	14	3	
8551	9	51. 23	5	10	57	39. 29	21	34	48. 2	Tr.	256	88	
8552	9	49. 28	1	10	57	40. 07	26	41	21. 6	Tr.	236	19	
8553	5	49. 25	1	10	57	49. 45	34	59	48. 6	Mu.	244	42	
	5. 6	46. 30	5			49. 68			48. 4	Mu.	9	35	
8554	9. 10	48. 30	3	10	57	52. 18[4]	26	3	4. 1	Mu.	163	8	[4] R. A. increased one thread interval.
8555	10	49. 25	1	10	57	56. 75	35	4	17. 8	Mu.	244	43	
8556	9	47. 27	. .	10	57	59. . .	31	22	11. 3	Mu.	107	97[5]	[5] "Too faint."
	10	47. 34	2			59. 11			4. 9	Tr.	115	6	
8557	8. 7	47. 10	3	10	58	0. 68	29	37	39. 2	Mu.	90	62	
	6. 7	47. 29	2			0. 89			40. 0	Tr.	109	58	
	8. 9	47. 23	3			0. 98			40. 8	Mu.	103	82	
	7. 8	47. 30	3			1. 08[6]			32. 9	Mer.	95	34	[6] One of four threads rejected; R. A. = $1^{s}.93$.
8558	8	48. 24	2	10	58	6. 53	26	29	2. 2	Mu.	161	39	
	5	49. 28	2			6. 70			4. 1	Tr.	233	35	
	6	49. 26	3			6. 70			4. 4	Mu.	245	72	
	4	48. 25	3			6. 72[7]			4. 5	Mu.	162	29	[7] R. A. decreased 1 min. and one thread increased 10 sec.
	3	47. 26	1			6. 78			1. 3	Tr.	106	20	
8559	9	49. 22	3	10	58	9. 44	32	16	29. 4	Tr.	225	110	
8560	10	49. 28	3	10	58	16. 08	24	12	40. 4	Mu.	250	18	
	11	49. 25	2			16. 38			35. 9	Tr.	229	29	
8561	5	51. 23	5	10	58	19. 77	21	17	26. 9	Tr.	255	82	
8562	. .	52. 34	5	10	58	27. 61	19	35	50. 7	Tr.	275	1	
	7	51. 26	5			27. 78			53. 3	Tr.	258	62	
8563	9	46. 30	7	10	58	38. 19[8]	34	39	46. 1	Tr.	13	15	[8] R. A. decreased 2 min.
8564	5. 6	49. 28	2	10	58	41. 45	26	28	39. 4	Tr.	233	36	
	6	49. 26	5			41. 56			40. 0	Mu.	245	73	
	9	48. 24	2			41. 61[9]			40. 2	Mu.	161	40	[9] R. A. increased 1 min.
	5	48. 25	3			41. 64			39. 8	Mu.	162	30	
8565	8	51. 23	5	10	58	43. 79	21	16	57. 8	Tr.	255	83	
8566	10	49. 22	2	10	58	44. 79	33	26	22. 3	Mu.	240	56	
	9	46. 30	1			45. 14			22. 8	Mu.	10	51	
	10	46. 30	2			45. 39[10]			25. 7	Tr.	14	4	[10] R. A. decreased 1 min.
8567	9	47. 28	1	10	58	46. 45[11]	27	10	39. 7	Mer.	93	21	[11] R. A. decreased 1 min.
	8	49. 28	3			46. 53			41. 4	Mer.	178	31	
8568	10	49. 29	2	10	58	47. 46	22	24	32. 7	Tr.	237	31	
8569	8	47. 28	1	10	58	49. 20[12]	27	0	45. 5	Mer.	93	22	[12] Minute assumed.
	8	49. 28	2			49. 50			45. 6	Tr.	236	20	
8570	8	51. 22	5	10	58	49. 83	21	39	27. 4	Mu.	270	27	
8571	10	49. 25	1	10	58	50. 90	34	44	31. 6	Mu.	244	44	
8572	10	46. 30	3	10	58	55. 84	41	5	50. 6	Mer.	13	9	
	9	49. 21	4			56. 04			51. 0	Tr.	222	92	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
8573	8	46.30	1	10	59	7.19	34	3	58.8	Mu.	10	52	
8574	8	47.30	1	10	59	7.93	29	9	42.0	Mer.	95	35	
	8	47.30	3			8.97			39.5	Tr.	111	21	
	..	47.27	1			9.00			....[1]	Mer.	91	49	[1] Decl. changed one wire interval north.
	9	46.30	4			9.22			38.0[2]	Mer.	10	13	[2] Decl. changed ten rev. north.
8575	8	47.20	3	10	59	8.84	30	17	28.2	Mer.	88	35	
8576	9	51.23	3	10	59	10.50	20	49	45.6	Mer.	235	133	
8577	8	51.23	4	10	59	11.00[3]	20	21	24.1	Mer.	235	132	[3] One of five threads rejected; R. A.=$11^{s}.45$.
	7	51.30	4			11.22			28.0	Mer.	238	9	
	7	51.27	5			11.28			28.1	Mer.	237	34	
	6	51.22	5			11.29			29.2	Tr.	253	40	
8578	..	51.27	4	10	59	13.87[4]	19	53	18.4	Mer.	237	36	[4] One of five threads rejected; R. A.=$14^{s}.23$.
	..	51.30	5			14.08			18.8	Mer.	238	8	
8579	6.7	47.27	1	10	59	24.43	27	54	62.3	Mu.	105	74	
	6	49.28	2			24.70			64.0	Mer.	178	32	
	8	48.18	3			24.90[5]			61.3	Mu.	158	1	[5] One of four threads rejected; R. A.=$25^{s}.61$.
	6.7	47.18	4			24.92			58.5	Mu.	99	10	
	5	48.25	5			24.99			56.2	Mer.	225	9	
	6	47.10	3			25.09			57.5	Mer.	85	6	
	6	47.28	5			25.19			....[6]	Mer.	92	36	[6] Decl. changed one wire interval south.
8580	10	51.23	5	10	59	27.57	21	33	8.5	Tr.	256	89	
8581	10	51.31	5	10	59	31.49	22	44	47.1	Mer.	239	10	
8582	7	49.29	3	10	59	37.93	23	20	26.3	Mer.	179	38	
	8	51.31	5			38.05			24.6	Mer.	239	9	
	7.8	49.29	2			38.56			25.3	Mu.	251	44	
	9	48.24	2			38.67[7]			23.9[8]	Mer.	120	47	[7] One of three threads rejected; R. A.=$37^{s}.73$.
8583	7	47.30	1	10	59	39.92	29	44	39.0	Mer.	95	36	[8] Decl. changed one rev. north.
	5.6	47.29	3			40.11			31.8	Tr.	109	59	
	8	47.23	4			40.16			32.0	Mu.	103	83	
	7	47.10	4			40.23			32.4	Mu.	90	63	
8584	9	49.28	2	10	59	51.50	25	16	36.9	Mer.	177	67	
	9	49.26	1			51.52			37.0	Tr.	230	70	
	10	49.30	1			52.13			42.5	Mu.	[illegible]52	9	
8585	10	49.25	1	10	59	52.76	35	4	7.1	Mu.	244	45	
8586	10	49.21	2	10	59	56.05	41	23	37.5	Tr.	222	93	
8587	7	49.22	4	10	59	59.31	31	46	28.8	Tr.	225	111	
8588	9	47.27	2	11	0	0.31	28	52	....	Mer.	91	50	
8589	10	49.30	1	11	0	3.83	25	6	10.4	Mu.	252	10	
	10	49.28	2			4.27			14.4	Mer.	177	68	
8590	6	46.32	4	11	0	3.94	32	44	36.3	Mu.	11	28	
8591	9	49.29	2	11	0	7.27	22	35	53.6	Tr.	237	32	
8592	6	49.28	2	11	0	12.74	27	40	....	Mer.	178	33	
	6	47.27	1			12.88			51.3	Mu.	105	75	
	7	47.10	3			12.94			50.2	Mer.	85	7	
	6	48.25	3			12.98			51.3	Mer.	225	10	
8593	8.9	46.30	4	11	0	14.48[9]	40	38	46.2	Mer.	11	17	[9] R. A. increased 1 min.
8594	10	49.22	3	11	0	21.50	33	20	11.9	Mu.	240	57	
	9	46.30	1			21.63			11.0	Tr.	14	5	
8595	9	46.28	2	11	0	33.14[10]	39	23	43.8	Mu.	3	20	[10] R. A. decreased 10 sec.
8596	7.6	49.29	2	11	0	38.95	23	2	49.2	Mu.	251	45	
	9	48.24	2			39.35			57.2[11]	Mer.	120	48	[11] Decl. changed nine rev. north.
	7	51.31	4			39.60			53.3	Mer.	239	11	
8597	9	51.18	5	11	0	42.53	22	1	42.9	Tr.	251	28	
	8	51.22	5			42.59			44.3	Mu.	270	28	
8598	7	47.30	2	11	0	46. ..[12]	29	21	30.4	Mer.	95	37	[12] Separate threads give $46^{s}.82$, $47^{s}.95$.
	8	46.30	3			46.85			37.9	Mer.	10	14	
	7	47.10	2			46.99			30.5	Mu.	90	64	
8599	9	51.22	5	11	0	47.73	21	44	21.4	Mu.	270	29	
8600	8	51.23	5	11	0	48.21	20	42	27.1	Mer.	235	134	
	..	51.23	5			48.27			....	Mer.	235	135	
	8	51.30	5			48.47			30.0	Tr.	261	31	
8601	6	46.29	4	11	0	48.57	37	35	46.5	Mu.	6	14	
8602	10	49.26	2	11	0	57.77	26	18	39.6	Mu.	245	74	
8603	8.9	49.28	3	11	0	58.75	40	7	31.7	Mu.	248	49	
8604	7	47.10	2	11	1	1.26	29	9	40.1	Mu.	90	65	
	7.8	46.30	3			1.75[13]			29.8[14]	Mer.	10	15	[13] R. A. increased 1 min.
	6	47.31	2			2.23[15]			37.5	Tr.	112	1	[14] Decl. changed one wire interval north. If changed fifteen rev. north, Decl.=36″.4.
8605	8	46.34	3	11	1	4.12	31	16	30.5	Mu.	12	8	
	9	47.27	3			4.27			30.7	Mu.	107	98	[15] R. A. decreased 1 min.
	9	47.34	3			4.42			30.9	Tr.	115	7	
8606	9	49.22	2	11	1	4.25	31	50	37.1	Tr.	225	112	
8607	7	51.22	5	11	1	5.74	19	58	34.0	Tr.	253	41	
	8	51.30	5			5.75			29.1[16]	Mer.	238	10	[16] Decl. changed one rev. south.
8608	9	46.29	1	11	1	5.94	37	40	23.6	Mu.	6	15	
8609	9	46.30	5	11	1	6.67	41	34	49.3	Mer.	13	10	
8610	9	49.29	3	11	1	6.81	23	43	22.6	Mer.	179	39	
	9	49.30	2			7.09			22.4	Tr.	238	22	
8611	9	46.30	1	11	1	8.46	33	29	51.8	Tr.	14	6	
8612	8	51.23	5	11	1	14.70	21	20	58.5	Tr.	255	84	
8613	9	49.22	2	11	1	17.75	32	56	48.6[17]	Mu.	240	58	[17] Decl. changed five rev. south.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
8614	8	47.10	1	11	1	20.44	29	18	56.0	Mu.	90	66	
	8	47.30	1			21.46[1]			57.9	Mer.	95	38	[1] R. A. increased 20 sec.
8615	7	52.34	5	11	1	20.47	19	14	37.9	Tr.	275	2	
	7	51.31	5			20.47			41.4	Mu.	276	9	
	7	51.26	5			20.71			35.7	Tr.	258	63	
8616	7	47.27	2	11	1	23.90[2]	28	56	....	Mer.	91	51	[2] Gou gives $25^{s}.7$.
	7.8	46.30	2			25.69[3]			6.9	Mer.	10	16	[3] R. A. increased 1 min.
	7	47.31	2			25.73			7.0	Tr.	112	2	
8617	8	51.23	5	11	1	24.13	21	14	45.9[4]	Tr.	255	85	[4] Two transit threads increased 1 sec. each.
8618	11	52.34	5	11	1	26.91	19	17	17.9[5]	Tr.	275	4	[5] One transit thread rejected; Decl. $=7''.8$.
8619	5	49.28	1	11	1	28.34	27	16	5.9	Mer.	178	34	
	5	48.25	5			28.80			4.3	Mu.	162	31	
	6	47.10	4			28.82			4.4	Mer.	85	8	
	4	47.27	1			28.85			4.1	Mu.	105	76	
	5.6	49.28	3			28.97			7.6	Tr.	236	21	
	6	47.28	3			28.98			2.6	Mer.	93	23	
8620	8	51.23	5	11	1	29.85	21	39	26.3[6]	Tr.	255	86[7]	[6] Decl. transits reduced for set 3. Reduced for any other set, the range of the residuals is 1 sec. or more. If reduced for set 6, Decl. $=16'\ 15''.1$. AW gives $15'\ 57''$.
8621	8	47.20	2	11	1	30.77	29	57	33.9	Mer.	88	36	
	9.10	47.23	1			30.85			30.6	Mu.	103	84	
	9	47.29	2			30.93			32.1	Tr.	109	60	
8622	9	49.25	3	11	1	36.66	38	41	13.8[8]	Mer.	173	8	[7] Unidentified. Looked for with equatorial but not found.
8623	7	46.29	4	11	1	37.60[9]	38	39	36.1	Mu.	5	25	
	6	49.25	3			37.88[10]			36.0[11]	Mer.	173	9	[8] Decl. changed one wire interval south.
8624	9	47.27	2	11	1	38.92	31	14	33.1	Mu.	107	99	[9] Three threads decreased 30 sec. each.
8625	5	51.31	5	11	1	41.79	19	42	8.4	Mu.	276	10	[10] One of four threads rejected; R. A. $=36^{s}.97$.
	..	51.27	5			41.81			....	Mer.	237	37	[11] Decl. changed one wire interval south.
	7	51.27	5			41.95			5.8	Mer.	237	36	
	6	51.26	5			42.21			7.1	Tr.	258	64	
	6	51.30	5			42.35			8.3	Mer.	238	11	
8626	9.10	47.15	2	11	1	45.27	30	30	52.7	Mu.	97	26	
	9	49.21	3			45.30			51.8	Mu.	237	1	
	11	47.27	1			45.30			48.7	Tr.	107	44	
8627	8	52.34	5	11	1	48.91	19	[illegible]	52.3	Tr.	275	3	
8628	9	46.30	1	11	1	56.54	33	44	23.1	Mu.	10	54	
8629	12	46.27	2	11	2	4.34	39	38	17.6	Mu.	2	29	
8630	11	47.34	1	11	2	4.53	31	26	0.1	Tr.	115	8	
8631	7.8	49.30	2	11	2	9. . .[12]	25	10	32.3	Mu.	252	11	[12] Separate threads give $9^{s}.08$, $9^{s}.95$. Ya gives $9^{s}.2$.
	9	49.27	3			9.08			32.6	Mer.	176	2	
	9	49.28	4			9.20			33.0	Mer.	177	69	
8632	8	49.28	1	11	2	11.15	27	28	51.4	Mer.	178	35	
	8	47.27	1			11.40			51.9	Mu.	105	77	
	7	48.25	5			11.63			54.4	Mer.	225	11	
	8	47.10	1			11.72			55.1	Mer.	85	9	
8633	8	51.31	5	11	2	16.37	22	44	14.5	Mer.	239	12	
	9	49.29	2			16.42			14.8	Tr.	237	33	
8634	9.10	49.22	2	11	2	22.32	31	41	55.4	Tr.	225	113	
8635	9	51.18	4	11	2	31.57	21	49	35.3	Tr.	251	30	
8636	8	47.23	2	11	[1	55. . .][13]	31	30	47.8	Mer.	90	91	[13] Separate threads give $55^{s}.21$, $54^{s}.25$. Apparently an error of 37 sec. in the recorded time of transit. The record does not admit of change of three thread intervals. See note on No. 8638_1.
	9	46.34	2		2	32. . .[14]			44.9	Mu.	12	9	
	9	47.34	1			32.06			49.5	Tr.	115	9	
8637	9	49.28	2	11	2	35.01	26	52	37.5	Tr.	236	22	
	8	47.28	3			35.15			32.5	Mer.	93	24	
8638	5	47.23	1	11	2	[4.24][15]	31	33	8.3	Mer.	90	92	[14] R. A. increased 1 min. Separate threads give $31^{s}.52$, $32^{s}.37$. GZ gives $32^{s}.1$.
	5	47.34	2			41.06			16.7	Tr.	115	10	
	5	46.34	3			41.46			16.0	Mu.	12	10	[15] Apparently an error of 37 sec. in the recorded time of transit. See note on No. 8636_1.
	7	47.27	3			41.49			12.8	Mu.	107	100	
8639	9	51.18	5	11	2	43.23	22	1	50.1	Tr.	251	29	
	7	51.22	5			43.31			51.3	Mu.	270	30	
8640	..	47.27	1	11	2	44.19	28	47	....	Mer.	91	53[16]	[16] "Double." Component not stated.
	8.9	46.30	1			44.33[17]			22.5[18]	Mer.	10	18	[17] R. A. decreased two thread intervals.
8641	7	47.31	1	11	2	44.31	28	58	52.1	Tr.	112	3	[18] Decl. changed five rev. north.
	8	46.30	3			44.40			50.0	Mer.	10	17	
	..	47.27	2			44.51[19]			....	Mer.	91	52	[19] R. A. increased one thread interval.
8642	10	49.29	2	11	2	44.42	22	32	0.5	Tr.	237	34	
8643	8	49.25	2	11	2	46.01	24	47	39.3	Tr.	229	30	
	7	49.27	3			46.16			38.3[20]	Mer.	176	3	[20] Decl. changed one rev. south.
	8	49.28	5			46.26			35.2	Mu.	249	36	
	7	49.28	3			46.29			38.2	Mu.	250	19	
8644	10	49.22	2	11	2	49.25	38	22	49.6	Tr.	223	90	
8645	8	52.34	5	11	2	50.37	19	18	15.9	Tr.	275	5	
8646	7	47.28	1	11	2	50.70	26	43	9.0[21]	Mer.	93	25	[21] Decl. changed one rev. north.
	9	48.25	1			50.77			6.4	Mu.	162	32	
	8	49.28	1			51.19			13.8	Tr.	236	23	
8647	9	51.27	5	11	2	55.86	19	35	22.9	Mer.	237	38[22]	[22] "Near the lower edge of the field."
	8	52.34	5			56.25			26.4	Tr.	275	6	
8648	8.9	46.29	..	11	3	1. . .	37	32	32.0	Mu.	6	17	
8649	7	49.28	2	11	3	1.16[23]	27	27	20.8	Mer.	178	36	[23] One of three threads rejected; R. A. $=0^{s}.32$
	8	48.25	4			1.41			20.2	Mer.	225	12	
	7.8	47.10	3			1.68			20.8	Mer.	85	10	
	7	47.27	1			1.73			20.6	Mu.	105	78	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
8650	9	46.30	1	11	[2	56.32][1]	35	11	18.3	Mu.	9	37	[1] "Transits of Mu. 9, Nos. 36 and 37 appear to be confounded."
	8	49.25	1		3	4.10			8.5	Mu.	244	46	
8651	11	46.30	6	11	3	9.63	34	34	59.6	Tr.	13	16	
8652	6	49.27	2	11	3	12.45	25	10	51.2	Mer.	176	4	
	6.7	49.28	3			12.56			49.2	Mer.	177	70	
	6	49.30	1			12.69			49.0	Mu.	252	12	
8653	7	49.21	2	11	3	13.68[2]	35	16	57.8	Mer.	168	120	[2] One thread increased 10 sec.
	6.7	49.25	1			13.77			55.9	Mu.	244	47	
	9	46.30	2			13.92[3]			59.0	Mu.	9	36	[3] Two of four threads rejected; R. A. = $2^m 58^s.81$, $3^m 1^s.32$ See note on No. 8650_1.
8654	9	47.29	2	11	3	20.35	29	38	30.1	Tr.	109	61	
	9	47.30	3			20.50			22.5	Mer.	95	39	
8655	7.8	49.22	2	11	3	23.11[4]	31	45	0.5	Tr.	225	114	[4] R. A. decreased 1 min.
8656	8	46.29	2	11	3	24.85	37	36	37.3[5]	Mu.	6	16	[5] Decl. changed two rev. south.
8657	..	47.27	1	11	3	30.50	28	45	....	Mer.	91	54	
8658	8	49.30	1	11	3	36.75	24	58	12.6	Mu.	252	13	
	8	49.28	1			36.87			13.6	Mer.	177	71	
	8	49.27	1			37.01			14.4	Mer.	176	5	
8659	9.10	49.21	3	11	3	41.98	30	49	56.3	Mu.	237	2	
8660	10	49.22	2	11	3	52.68	33	17	37.8	Mu.	240	59	
8661	6.7	49.25	1	11	3	53.41	35	24	39.9	Mu.	244	48	
	7	49.21	2			53.89[6]			42.7	Mer.	168	121	[6] R. A. decreased one thread interval.
8662	7.8	46.26	4	11	3	54.87[7]	44	46	13.8	Mer.	1	5	[7] One of five threads rejected; R. A. = $55^s.83$.
	8	46.28	5			55.16			12.6	Mer.	3	17	
	8	46.29	6			55.21			14.5	Mer.	5	8	
8663	7	49.30	1	11	3	58.01	25	6	38.0	Mu.	252	14	
	8	49.28	2			58.22			36.4	Mer.	177	72	
8664	11	51.31	4	11	4	9.70[8]	19	21	34.0	Mu.	276	12	[8] One of five threads rejected; R. A. = $10^s.12$.
	8	52.34	5			10.02			35.4	Tr.	275	7	
8665	10	49.28	2	11	4	12.93	39	43	30.2	Mu.	248	50	
	9	46.28	2			13. . .[9]			30.8	Mu.	3	21	[9] Separate threads give $13^s.14$, $14^s.15$. GZ gives $13^s.1$.
8666	9.10	47.15	2	11	4	12.94	30	34	33.7	Mu.	97	27	
8667	6	51.18	5	11	4	17.11	22	0	29.5	Tr.	251	31	
	3	51.31	5			17.15			27.4	Tr.	262	14	
	4	51.22	5			17.20			27.0	Mu.	270	31	
8668	8	49.25	1	11	4	19.57	38	24	8.4	Mer.	173	10	
	12	46.29	2			19.60			11.4	Tr.	7	1	
	10	49.22	1			19.72			9.9	Tr.	223	91	
8669	10	49.22	..	11	4	21. . .	33	11	50.7	Mu.	240	60	
8670	5	51.31	5	11	4	29.57	19	20	4.3	Mu.	276	11	
	6	52.34	5			29.79			9.9	Tr.	275	8	
8671	10	46.29	5	11	4	33.64	40	50	....	Mer.	6	1	
8672	10	49.25	2	11	4	33.76	24	27	37.0	Tr.	229	31	
8673	6	49.28	2	11	4	38.74	25	19	8.6	Mer.	177	73	
	7	48.30	4			38.79			10.6	Mu.	163	9	
	6	49.30	1			38.87			12.2	Mu.	252	15	
	6	49.27	1			38.87			10.0	Mer.	176	7	
8674	7	46.30	3	11	4	38.90	34	0	12.0	Mu.	10	55	
8675	9	51.30	5	11	4	39.19	20	31	5.6	Tr.	261	32	
8676	8	49.28	2	11	4	39.57	25	59	33.2	Tr.	233	37	
	8	49.26	3			39.58			32.6	Mu.	245	75	
	7	48.24	3			39.68			33.5	Tr.	162	57	
8677	9	49.22	1	11	4	42.12	37	52	33.2	Tr.	223	92	
8678	9	46.28	1	11	4	45.45	39	17	14.2	Mu.	3	22	
8679	..	51.27	5	11	4	48.28	20	24	....	Mer.	237	39	
8680	7	51.30	5	11	4	51.76	20	29	9.1	Tr.	261	33	
8681	8	49.25	1	11	4	53.78	39	7	6.1	Mer.	173	11	
8682	5	47.23	1	11	5	1.46	31	37	8.7	Mer.	90	93	
	7.8	49.22	3			1.58			8.3	Tr.	225	115	
	6	46.34	4			1.58			8.9	Mu.	12	11	
	6	47.34	2			1.80			11.0	Tr.	115	11	
8683	7	47.27	1	11	5	2.89	28	58	....	Mer.	91	55	
	7.8	46.30	4			3.30			1.7	Mer.	10	19	
8684	7	51.30	5	11	5	11.12	20	56	5.8	Tr.	261	34	
8685	8	51.27	5	11	5	13.22	18	52	33.3	Tr.	259	63	
8686	8	47.20	2	11	5	15.88[10]	30	19	8.4	Mer.	88	37	[10] One thread decreased 10 sec. One of three threads rejected; R. A. = $15^s.01$.
	9	47.15	2			15.90			3.1	Mu.	97	28	
	9	47.23	2			16.24[11]			4.9	Mu.	103	85	[11] One thread decreased 30 sec.
	9	49.21	3			16.54			7.2	Mu.	237	3	
8687	9	49.29	1	11	5	25.72	23	0	19.7	Mu.	251	46	
8688	9	46.30	5	11	5	26.32	34	35	16.7	Tr.	13	17	
8689	8	49.30	1	11	5	28.98	24	58	28.8	Mu.	252	16	
	9	49.28	1			29.12			24.7	Mer.	177	74	
8690	10	49.29	1	11	5	29.42	23	2	17.2	Mu.	251	47	
8691	10	49.22	2	11	5	38.93	33	35	23.8	Mu.	240	61	
	9	46.30	3			39.25			25.4	Tr.	14	7	
	7	46.30	2			39.39[12]			19.0	Mu.	10	56	[12] R. A. increased 1 min.
8692	6	51.30	5	11	5	44.45	19	43	49.5	Mer.	238	12	
8693	7.8	48.30	1	11	5	53.07	25	39	1.7	Mu.	163	10	
	9	48.24	3			53.31			5.2	Tr.	162	58	
8694	8	51.23	5	11	5	56.75	21	13	19.7	Tr.	255	87	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
8695	10	47.30	2	11	6	1.51	29	46	59.1	Mer.	95	40	
8696	10	49.30	2	11	6	8.09	23	35	47.3	Tr.	238	23	
8697	9	49.22	1	11	6	11.06[1]	33	8	0.6	Mu.	240	62	[1] "Time of transit doubtful."
8698	9	51.31	5	11	6	12.15	19	38	4.6	Mu.	276	13	
	8	52.34	5			12.19			4.6	Tr.	275	9	
	6	51.30	5			12.27			12.0	Mer.	238	13	
8699	6	51.31	5	11	6	18.74	22	11	0.7	Tr.	262	15	
	8	51.18	5			18.80			0.4	Tr.	251	32	
	8	49.29	3			18.81[2]			2.0	Tr.	237	35	[2] One thread decreased 10 sec.
	7	51.22	5			18.99			2.6	Mu.	270	32	
8700	8	49.25	1	11	6	21.77	39	6	27.8	Mer.	173	12	
8701	9.10	49.26	3	11	6	24.47	26	2	22.1	Mu.	245	76	
8702	10	49.22	1	11	6	29.01	37	56	48.2	Tr.	223	93	
8703	10	46.30	2	11	6	32.52	29	14	56.4	Mer.	10	20	
8704	9	49.26	2	11	6	34.46	25	54	52.2	Mu.	245	77	
8705	9	49.22	2	11	6	46.38	31	58	5.7	Tr.	225	116	
8706	10	49.28	1	11	6	47.31	40	25	41.2	Mu.	248	51	
8707	9	47.15	3	11	6	53.08	30	33	25.8	Mu.	97	29	
	9	49.21	4			53.29			25.8	Mu.	237	4	
8708	9	49.28	2	11	6	58.78	26	14	43.3	Tr.	233	38	
	8.9	49.26	1			59.12			42.4	Mu.	245	78	
8709	10	49.25	2	11	6	59.76	24	39	40.5	Tr.	229	32	
8710	7	46.30	3	11	7	2.27	33	48	55.9	Mu.	10	57	
8711	9	47.27	2	11	7	6. . .[3]	29	5	. . . .	Mer.	91	56	[3] Separate threads give $6^{s}.65$, $5^{s}.48$. AW gives $6^{s}.8$. GZ gives $7^{s}.1$.
8712	11	49.25	1	11	7	8.63	35	26	18.1	Mu.	244	49	
8713	8	47.20	2	11	7	11. . .[4]	29	46	49.3	Mer.	88	38	[4] Separate threads give $12^{s}.14$, $11^{s}.04$. GZ gives $11^{s}.1$.
	8	47.29	1			11.03			45.1	Tr.	109	62	
	9	47.30	3			11.15			43.5	Mer.	95	41	
8714	7	46.30	1	11	7	11.74	34	9	50.8	Mu.	10	58	
8715	8	48.30	4	11	7	16.73	25	15	26.9	Mu.	163	11	
	7	49.28	4			16.75			27.5	Mer.	177	75	
	8	49.27	3			16.83			28.2	Mer.	176	8	
	6.7	49.30	1			16.96			28.3	Mu.	252	17	
8716	8	51.30	5	11	7	17.66	19	50	32.0[5]	Mer.	238	14	[5] Decl. changed six wire intervals north.
8717	10	49.22	1	11	7	23.35	33	25	20.8[6]	Mu.	240	63	[6] Decl. changed one rev. north.
	10	46.30	1			23.59			17.6	Tr.	14	8	
8718	8	51.31	5	11	7	23.86	22	49	56.5	Mer.	239	13	
	10.9	49.29	1			24.04			51.1	Mu.	251	48	
8719	9	49.26	. .	11	7	25. . .	26	29	33.4	Mu.	245	79	
	9	49.28	2			25.83			31.9	Tr.	233	39	
	9	48.25	2			25.91			31.2	Mu.	162	33	
8720	9	48.25	3	11	7	27.48	27	29	26.3	Mer.	225	13	
	8	47.10	2			27.59			28.4	Mer.	85	11	
	7	47.27	2			27.59			26.0	Mu.	105	79	
8721	9.10	46.28	1	11	7	28.52	39	14	31.2	Mu.	3	23	
8722	7	47.27	1	11	7	30.90	27	41	9.8	Mu.	105	80	
	8	47.10	1			31.00			9.4	Mer.	85	12	
	. .	48.25	1			31.03[7]			11.4	Mer.	225	14	[7] R. A. decreased 1 min.
8723	8	49.25	1	11	7	31.08	35	17	53.3	Mu.	244	50	
	9	46.30	3			31.67			48.4	Mu.	9	38	
8724	9	49.29	3	11	7	33.37[8]	23	40	47.1	Mer.	179	40	[8] R. A. decreased 5 min.
	9	49.30	3			33.38			43.2	Tr.	238	24	
8725	9	49.27	1	11	7	44.81	24	57	15.5	Mer.	176	9	
	10	49.28	2			45.15			17.6	Mer.	177	76	
8726	9.10	47.23	1	11	7	47.47	30	13	16.1	Mu.	103	86	
8727	7	46.32	1	11	7	49.45	32	30	6.7	Mu.	11	29	
8728	10	49.22	1	11	7	55.47	38	30	49.8	Tr.	223	94	
8729	9	49.30	2	11	7	58. . .[9]	23	43	44.9	Tr.	238	25	[9] Separate threads give $58^{s}.76$, $60^{s}.23$. GZ gives $58^{s}.7$.
	8	49.29	2			58.48[10]			44.2	Mer.	179	41	
8730	6	49.25	2	11	8	2.03	38	39	35.7	Mer.	173	13	[10] R. A. decreased 5 min.
	6	46.29	4			2.05			34.8	Tr.	7	2	
8731	. .	47.27	1	11	8	2.74[11]	28	42	. . . .[12]	Mer.	91	57	[11] AW and CPD give $3^{s}.9$.
	9	46.30	2			4.18			8.1[13]	Mer.	10	21	[12] Decl. changed two wire intervals north.
8732	8	46.29	2	11	8	7.29	37	37	27.9[14]	Mu.	6	18	[13] Decl. changed one wire interval north. AW gives 41′ 56″.
8733	9	47.30	1	11	8	16.49[15]	29	17	23.5	Mer.	95	42	
8734	10	49.21	2	11	8	18. . .[16]	31	1	3.7	Mu.	237	5	[14] Decl. changed ten rev. south.
	10	47.34	1			18.56			0.3	Tr.	115	12	[15] R. A. increased one thread interval.
	9.10	47.15	2			18.80			5.7	Mu.	97	30	[16] Separate threads give $17^{s}.95$, $18^{s}.95$.
8735	6	51.31	5	11	8	19.77	22	5	58.5	Tr.	262	16	
	8	51.18	5			19.87			59.0	Tr.	251	33	
	8	51.22	5			19.95			58.0	Mu.	270	33	
8736	10	46.29	1	11	8	23.65	40	41	. . . .	Mer.	6	2	
8737	7	49.28	2	11	8	24.44	40	14	22.7	Mu.	248	52	
8738	9	49.28	1	11	8	25.01	24	59	31.8	Mer.	177	77	
	9	49.27	2			25.17			32.4	Mer.	176	10	
8739	9	46.30	1	11	8	25.34	34	41	42.8	Mu.	9	39	
	8	49.25	1			25.78			39.4	Mu.	244	51	
8740	7	46.29	2	11	8	25.72	37	26	27.1	Mu.	6	19	
8741	8.9	46.30	2	11	8	28.82	28	44	20.0[17]	Mer.	10	22	[17] Decl. changed one wire interval north.
	. .	47.27	1			29.18			. . . .	Mer.	91	58	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
8742	9.10	49.26	1	11	8	30.89	26	5	39.2	Mu.	245	80	
	9	49.28	1			30.98			40.4	Tr.	233	40	
8743	8.9	47.20	3	11	8	36.24	30	1	52.3	Mer.	88	39	
	9	47.23	3			36.58			48.4	Mu.	103	87	
	7	47.29	1			36.65			49.0	Tr.	109	63	
8744	7	52.34	5	11	8	36.47	19	20	9.0	Tr.	275	10	
	9	51.31	5			36.54			8.7	Mu.	276	14	
8745	9	49.22	2	11	8	40.77	31	52	55.1	Tr.	225	117	
8746	10	49.28	2	11	8	41.10[1]	24	29	50.9[2]	Mu.	250	20	[1] One of three threads rejected; R. A.=41^{s}.98.
	10	49.25	3			41.82			53.2	Tr.	229	33	[2] Decl. changed one rev. north.
8747	6	49.25	2	11	8	43.68	38	30	48.7	Mer.	173	14	
	..	49.22	2			43.70			47.5	Tr.	223	95	
	7	46.29	1			44.33			49.2	Tr.	7	3	
8748	8	46.34	4	11	8	44.57	31	33	9.5	Mu.	12	12	
	9	47.34	2			44.68			15.1	Tr.	115	13	
8749	10	46.29	2	11	8	45.74	35	29	45.0	Tr.	11	4	
8750	6	51.22	5	11	8	50.25	19	52	22.2	Tr.	253	42	
	7	51.30	5			50.29			20.8	Mer.	238	15	
8751	10	49.22	2	11	8	56.06	33	20	12.5	Mu.	240	64	
	10	46.30	2			56.34			14.4[3]	Tr.	14	9	[3] Decl. changed one wire interval north.
8752	8	51.23	5	11	8	59.16	21	11	9.5	Tr.	255	88	
8753	8	51.31	5	11	8	59.50	23	13	48.2	Mer.	239	14	
	9	49.29	3			59.55			48.6	Mu.	251	49	
8754	7	49.28	2	11	9	2.08	40	12	11.4	Mu.	248	53	
	6.7	46.30	4			2.23			15.1[4]	Mer.	11	18	[4] Decl. changed one wire interval north and ten rev. south.
8755	12	46.29	4	11	9	3.50	37	0	28.0	Tr.	9	8	
8756	9	52.34	5	11	9	4.70	19	38	31.1	Tr.	275	11	
8757	6	46.30	4	11	9	7.32	33	51	0.2	Mu.	10	59	
8758	..	51.30	5	11	9	7.58	19	54	57.9	Mer.	238	16	
8759	7.8	47.10	4	11	9	13.31	27	18	43.4	Mer.	85	13	
	8	48.25	3			13.31			44.4	Mer.	225	15	
	8	48.25	2			13.49			44.6	Mu.	162	34	
	7	47.27	1			13.65			44.8	Mu.	105	81	
8760	10	49.25	1	11	9	17.28	35	2	31.2	Mu.	244	52	
8761	7	46.26	5	11	9	30.45	45	3	54.7	Mer.	1	6	
	8	46.28	5			30.56			57.8	Mer.	3	18	
8762	8.9	49.26	2	11	9	31.52	26	25	13.6	Mu.	245	81	
	9	49.28	2			31.66			17.5	Tr.	233	41	
8763	..	47.27	1	11	9	32.38	27	33	20.0	Mu.	105	82	
8764	9	48.24	2	11	9	41.40	25	18	49.0	Tr.	162	59	
	9	49.28	2			41.70			47.1	Mer.	177	78	
	9	49.27	2			41.71			47.0	Mer.	176	11	
	7	49.30	1			41.99			47.5	Mu.	252	18	
8765	9	47.10	1	11	9	41.44	27	44	32.9	Mer.	85	14	
8766	7	46.29	3	11	9	43.90[5]	37	34	53.6	Mu.	6	20	[5] One of four threads rejected; R. A.=24 .40. If increased one thread interval, R. A.=43^{s}.86. The observer suggested an increase of 20 sec., giving R. A.=44^{s}.40.
8767	9	46.30	3	11	9	51.41	33	32	27.9	Tr.	14	10	
8768	9	49.30	2	11	9	59.34	23	33	40.4	Tr.	238	26	
	7	49.29	3			59.43			34.3	Mer.	179	42	
	9	49.29	1			59.75			37.4	Mu.	251	50	
8769	9	51.30	5	11	10	3.23	19	56	51.1	Mer.	238	17	
	8	51.22	5			3.23			53.3	Tr.	253	43	
8770	8.9	46.29	2	11	10	6.03	40	34	....	Mer.	6	3	
	7	46.30	2			7.18[6]			28.4[7]	Mer.	11	19	[6] R. A. decreased 1 min. Separate threads give 6^{s}.79, 7^{s}.57.
8771	7.8	46.30	7	11	10	9.78	41	6	56.2	Mer.	13	11	
	9	46.29	2			10.04[8]			....	Mer.	6	4	[7] Decl. changed five rev. north.
8772	10	46.28	3	11	10	9.84	39	17	1.9	Tr.	6	1	[8] R. A. decreased 10 sec.
8773	9	49.27	1	11	10	16.16	25	22	24.7	Mer.	176	12	
	10	49.28	1			16.44			22.7	Mer.	177	79	
8774	8	51.23	5	11	10	22.19	21	19	36.6	Tr.	255	89	
8775	7	46.32	3	11	10	23.60[9]	32	42	49.0	Mu.	11	30	[9] R. A. increased 1 min.
8776	7	51.31	5	11	10	25.42	23	9	21.7[10]	Mer.	239	15	[10] Decl. changed one rev. south.
8777	6	46.30	5	11	10	25.85[11]	33	55	6.4	Mu.	10	60	[11] One of six threads rejected; R. A.=26^{s}.59.
8778	8	46.29	2	11	10	28.46[12]	37	33	49.6	Mu.	6	21	[12] One of three threads rejected; R. A.=29^{s}.25.
8779	9	47.27	1	11	10	30.21	28	35	....	Mer.	91	59	
8780	9.10	49.22	2	11	10	31.48	31	46	42.7	Tr.	225	118	
8781	9.10	48.18	3	11	10	32.27	28	20	46.2	Mu.	158	2	
8782	8	46.29	2	11	10	32.34	35	43	0.3	Tr.	11	5	
8783	9	49.28	2	11	10	41.19	25	7	30.7	Mer.	177	80	
	9	49.30	1			41.45			33.1[13]	Mu.	252	19	[13] Decl. changed five rev. north.
8784	9	46.29	3	11	10	45.72	36	22	13.3[14]	Mu.	8	31	[14] Micrometer reading 28.6; assumed as 28.60 rev. If assumed as 28.06 rev., Decl.=47″.3. CPD gives 22′.5.
8785	9	49.28	2	11	10	49.06	39	44	61.6	Mu.	248	54	
	10	46.27	2			49.26[15]			58.8	Mu.	2	30	
	8	46.28	2			49.28			61.0	Mu.	3	24	[15] One of three threads rejected; R. A.=48^{s}.24.
8786	8.9	46.28	4	11	10	50.67	44	41	15.7	Mer.	3	19	
	8	46.26	3			50.73			9.8	Mer.	1	7	
8787	8	47.15	2	11	10	52.14	30	55	53.6	Mu.	97	32	
	6	47.23	2			52.41			61.3	Mer.	90	94	
	5	47.34	1			52.42			53.9	Tr.	115	14	
	9	49.21	1			52.51			53.3	Mu.	237	7	
	8	47.27	3			52.62			52.9	Tr.	107	45	
	6	46.34	4			52.90			52.3	Mu.	12	13	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
8788	9	47.15	3	11	10	52.27	30	29	31.8	Mu.	97	31	
	9	49.21	3			52.28			32.6	Mu.	237	6	
8789	7	47.10	1	11	10	54.25	27	37	1.8	Mer.	85	15	
	7	48.25	2			54.48			0.6	Mer.	225	16	
8790	9	48.30	3	11	11	9.99	25	46	38.5	Mu.	163	12	
	9	48.24	3			10.17			39.3	Tr.	162	60	
8791	6.7	49.30	3	11	11	13.03	23	31	27.5	Tr.	238	27	
	6	49.29	4			13.28			27.8	Mer.	179	43	
	6	51.31	5			13.31			28.6	Mer.	239	16	
	6.7	49.29	2			13.36			27.7	Mu.	251	51	
8792	8	46.30	2	11	11	22.58	32	56	3.7	Tr.	14	11	
	9	49.22	4			22.73			3.8	Mu.	240	65	
8793	9	47.15	2	11	11	28.81	30	32	15.7	Mu.	97	33	
	9	47.27	2			28.99			14.7	Tr.	107	46	
	9	49.21	1			29.10			16.1	Mu.	237	8	
8794	10	49.29	3	11	11	31.06	22	17	43.8	Tr.	237	36	
8795	8.9	49.28	4	11	11	38.24	24	24	26.9	Mu.	250	21	
	9	49.25	3			38.91[1]			18.3	Tr.	229	34	[1] One of four threads rejected; R. A.=$38^{s}.09$.
8796	9.8	49.29	1	11	11	40.12	23	5	29.2	Mu.	251	52	
	9	51.31	5			40.62			28.8	Mer.	239	17	
8797	10	49.22	1	11	11	41.91	32	50	56.1	Mu.	240	66	
8798	7	51.31	5	11	11	42.22	19	24	21.8	Mu.	276	15	
	6	52.34	4			42.38[2]			24.8	Tr.	275	12	[2] One of five threads rejected; R. A.=$41^{s}.87$.
8799	10	49.28	1	11	11	44.00	26	4	39.8	Tr.	233	42	
	9.10	49.26	2			44.84			41.2	Mu.	245	82	
8800	8	47.20	4	11	11	46.91	30	11	24.3[3]	Mer.	88	40	[3] Decl. changed one rev. south.
	9	47.23	4			47.64			21.0	Mu.	103	88	
8801	7	51.30	5	11	12	0.82	20	36	47.0	Tr.	261	35	
8802	8	46.27	1	11	12	1.40[4]	39	40	48.7	Mu.	2	32	[4] Last thread of Mu. 2, No. 31 assumed to belong to Mu. 2, No. 32.
	..	46.27	4			1.93			48.8	Tr.	4	15	
	6.7	46.28	4			2.06			48.0	Mu.	3	25	
8803	7	47.27	1	11	12	5.93	27	39	16.9	Mu.	105	83	
	6.7	48.25	2			5.94			16.7	Mer.	225	17	
	7	47.10	1			6.20			17.3	Mer.	85	16	
8804	7	47.30	1	11	12	6.34[5]	29	30	7.2	Mer.	95	43	[5] R. A. decreased one thread interval.
	7.8	46.29	2			7.12			7.7[6]	Mer.	8	1	[6] Decl. changed two wire intervals south.
	6	47.29	2			7.12			8.0	Tr.	109	64	
	9.8	47.10	1			7.14			8.9	Mu.	90	67	
8805	9	46.27	1	11	12	8.56[7]	39	27	29.6	Mu.	2	31	[7] R. A. decreased 1 min. See note on No. 8802_1.
	9	46.26	4			9.09[8]			30.3	Tr.	6	2	[8] R. A. decreased two thread intervals.
8806	7	47.34	2	11	12	9.09	31	41	16.6	Tr.	115	15	
	9	49.22	3			9.15			7.1	Tr.	225	119	
8807	8	51.23	5	11	12	14.70	21	24	17.6	Tr.	255	90	
8808	7	51.30	5	11	12	20.50	20	9	40.0	Mer.	238	18	
	9	51.22	5			20.69			42.4	Tr.	253	44	
8809	9.10	48.25	2	11	12	25.08	26	57	16.8	Mu.	162	35	
8810	7	47.10	1	11	12	27.30	27	21	64.1	Mer.	85	17	
	6.7	48.25	2			27.35			61.8	Mer.	225	18	
	6	47.27	1			27.51			58.9	Mu.	105	84	
8811	8	47.10	1	11	12	28.21	27	47	45.2	Mer.	85	18	
	9	48.18	4			28.56			46.5	Mu.	158	3	
8812	10	51.23	5	11	12	36.71	21	18	17.9	Tr.	255	91	
8813	7	47.30	1	11	12	37.54	29	37	41.5	Mer.	95	44	
	8	47.10	1			37.69			36.8	Mu.	90	68	
	6	47.29	2			37.95			35.4	Tr.	109	65	
8814	8	49.29	3	11	12	54.04	22	54	14.9	Tr.	237	37	
	7	49.29	1			54.40			14.2	Mu.	251	53	
8815	8	51.22	4	11	12	57.19[9]	19	51	16.4	Tr.	253	45	[9] One of five threads rejected; R. A.=$57^{s}.70$.
	8	51.30	5			57.20			17.0	Mer.	238	19	
8816	6	47.27	1	11	13	0.43	27	30	38.5	Mu.	105	85	
	6.7	48.25	3			0.52			44.7[10]	Mer.	225	19	[10] Decl. changed two wire intervals north.
	7	47.10	1			0.86			40.3	Mer.	85	19	
8817	7	49.28	4	11	13	4.22	25	19	59.6	Mer.	177	81	
	8	48.30	3			4.37			57.6	Mu.	163	13	
	7	49.27	4			4.48			62.1	Mer.	176	13	
	8	49.30	3			4.51			61.8	Mu.	252	20	
8818	7	52.34	5	11	13	8.20	19	11	47.1	Tr.	275	13	
8819	6	47.34	2	11	13	13.70	31	16	55.0	Tr.	115	16	
	6	46.34	5			13.73			53.3	Mu.	12	14	
	6	47.23	5			13.76			53.8	Mer.	90	95	
8820	9	48.25	3	11	13	17.99	26	46	32.0[11]	Mu.	162	36	[11] Decl. changed five rev. south.
8821	9	49.28	4	11	13	22.66	24	26	19.1	Mu.	250	22	
	9	49.25	3			23.09			13.6	Tr.	229	35	
8822	7.8	46.26	3	11	13	26.72[12]	44	54	27.6	Mer.	1	8	[12] R. A. decreased 1 min.
	8.9	46.28	4			26.79			22.8	Mer.	3	20	
8823	7	49.25	1	11	13	27.68	34	53	46.1[13]	Mu.	244	53	[13] Decl. changed five rev. south.
	7.8	46.30	5			27.70[14]			49.5[15]	Mu.	9	40	[14] Two threads increased one thread interval each.
8824	9	49.29	1	11	13	28.76	22	23	21.9	Tr.	237	38	[15] Decl. changed twenty rev. north.
8825	10	49.21	2	11	13	29.81	30	29	15.6	Mu.	237	9	[16] Separate threads give $44^{s}.94$, $45^{s}.96$. GZ gives $46^{s}.3$.
8826	9	48.18	2	11	13	45. . .[16]	27	55	9.4	Mu.	158	4	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
8827	9	46.30	1	11	13	51.25	29	7	5.7	Mer.	10	23	
	..	47.27	2			51.65			....[1]	Mer.	91	60	[1] Decl. changed ten rev. north.
8828	9	48.25	..	11	13	54..	26	57	4.6	Mu.	162	37	
8829	7	46.30	7	11	13	54.83	34	42	14.1	Tr.	13	18	
	7.8	46.30	3			54.86[2]			13.8	Mu.	9	41	[2] One thread increased one thread interval
	6.7	49.25	1			55.13			13.3	Mu.	244	54	
8830	9	46.30	4	11	13	56.58[3]	29	9	38.5	Mer.	10	24	[3] One thread increased 5 sec.
	8	47.27	1			57.37[4]			....	Mer.	91	61	[4] R. A. decreased 1 min.
8831	9.10	49.28	2	11	13	56.96	24	14	29.7	Mu.	250	23	
	10	49.25	3			57.29			25.7	Tr.	229	36	
8832	9	51.31	5	11	13	57.29	19	37	38.0	Mu.	276	16	
	6	52.34	5			57.43			40.8	Tr.	275	15	
	8	52.34	5			57.47			38.5[5]	Tr.	275	14	[5] One transit thread rejected; Decl.=47″.9.
8833	7	49.29	1	11	14	1.77	23	10	21.5	Mu.	251	54	
	6	51.31	5			2.12			23.5	Mer.	239	18	
8834	9	46.28	3	11	14	3.10[6]	45	3	55.5	Mer.	3	21	[6] One thread increased 10 sec.
	9	46.26	2			3.30[7]			55.7[8]	Mer.	1	9	[7] R. A. decreased 1 min.
8835	7	47.27	1	11	14	3.23[9]	28	46	....	Mer.	91	62	[8] Decl. changed one rev. north.
	8	46.30	2			4.24			20.0	Mer.	10	25	[9] R. A. decreased 1 min. Gou gives $4^s.2$.
8836	9	49.21	2	11	14	12..[10]	30	29	24.8	Mu.	237	10	[10] Separate threads give $13^s.64$, $12^s.66$.
	9	47.15	3			12.95			23.4	Mu.	97	34	
8837	10	49.30	1	11	14	14.95	24	46	11.1	Mu.	252	21	
8838	7	46.29	4	11	14	15.10	37	29	15.4	Mu.	6	22	
8839	9	47.27	3	11	14	16.29	30	42	2.0	Tr.	107	47	
	8.9	49.21	2			16.31			3.6	Mu.	237	11	
	9	47.15	4			16.48			3.6	Mu.	97	35	
8840	7	51.30	..	11	14	19...	19	41	3.3	Mer.	238	20	
	9	51.31	5			19.66			3.5	Mu.	276	17	
8841	6	51.23	5	11	14	19.71	21	17	0.0	Tr.	255	92	
8842	8	49.29	1	11	14	24.30	23	22	5.2	Mu.	251	55	
	7	51.31	4			24.61			2.9	Mer.	239	19	
8843	10	49.29	2	11	14	24.70	22	36	27.9	Tr.	237	39	
8844	7	46.32	6	11	14	34.24	32	28	48.0	Mu.	11	31	
8845	8	46.30	1	11	14	35.31	33	25	59.0	Mu.	10	61	
	11	46.30	2			35.50			60.1	Tr.	14	12	
8846	10	51.22	5	11	14	36.15	21	59	3.4	Mu.	270	34	
8847	8	49.30	3	11	14	41.72	23	57	15.9	Tr.	238	28	
	9	49.29	5			41.82			19.0	Mer.	179	44	
8848	10	49.25	1	11	14	47.98	35	25	21.4	Mu.	244	55	
8849	9	49.30	1	11	14	50.74	24	46	20.0[11]	Mu.	252	22	[11] Decl. changed one rev. south.
8850	8	49.25	2	11	14	51.82	24	22	23.1	Tr.	229	37	
	8	49.28	3			51.99			28.3	Mu.	250	24	
8851	11	51.31	5	11	14	52.97	22	4	18.6	Tr.	262	17	
	10	51.22	5			53.18			24.7	Mu.	270	35	
8852	9	48.30	3	11	14	53.27	25	50	21.1	Mu.	163	14	
	9	48.24	2			53.47			20.6	Tr.	162	61	
8853	10	49.26	3	11	15	1.00	26	25	11.6	Mu.	245	83	
	10	49.28	1			1.09			12.6	Tr.	233	43	
8854	9	46.29	3	11	15	2.19	35	39	47.4	Tr.	11	6	
8855	7	49.29	1	11	15	9.11	22	54	30.9	Mu.	251	56	
	8	51.31	5			9.85			32.4	Mer.	239	20	
8856	8	49.22	2	11	15	9.67	38	16	62.9	Tr.	223	96	
	6	46.29	5			9.70			58.7	Tr.	7	4	
8857	9	47.23	4	11	15	12.14	30	4	45.6	Mu.	103	89	
	7	47.29	2			12.22			44.0	Tr.	109	66	
	..	47.20	1			12.52[12]			45.8	Mer.	88	41	[12] R. A. increased two thread intervals.
8858	10	51.23	5	11	15	17.45	21	16	1.2	Tr.	255	93	
8859	6	51.30	5	11	15	29.92	19	48	11.3	Mer.	238	21	
8860	8	49.25	1	11	15	32.79	35	25	14.0	Mu.	244	56	
8861	11	46.30	1	11	15	34.56	33	24	56.3	Tr.	14	13	
8862	9	49.22	3	11	15	38.11	31	57	13.3	Tr.	225	120	
8863	7	46.30	1	11	15	38.16	33	50	28.5	Mu.	10	62	
8864	8	47.20	1	11	15	40.10[13]	30	4	22.9	Mer.	88	42	[13] Minute assumed. R. A. increased two thread intervals.
	8	47.29	2			40.12			17.7	Tr.	109	67	
	9	47.23	3			40.27			18.5	Mu.	103	90	
8865	7.8	47.23	3	11	15	42.89	31	36	32.1	Mer.	90	96	
	9	47.34	1			43.03			33.1	Tr.	115	17	
8866	10	49.29	2	11	15	42.77	23	43	48.1	Mer.	179	45	
	10	49.30	2			43.33			48.4	Tr.	238	29	
8867	6	47.28	5	11	15	43.74	28	4	....	Mer.	92	37	
	8	48.18	5			43.83[14]			28.3	Mu.	158	5	[14] R. A. decreased 1 min. and three threads increased 1 sec. each.
8868	9	51.31	5	11	15	48.38	19	9	56.1	Mu.	276	18	
	8	52.34	5			48.51			54.4	Tr.	275	16	
8869	6	49.29	1	11	15	53.13	22	53	7.1	Mu.	251	57	
	7.8	49.29	3			53.14			7.9	Tr.	237	40	
	6	51.31	4			53.22[15]			7.3	Mer.	239	21	[15] One of five threads rejected; R. A.=$52^s.70$.
8870	8	49.25	2	11	15	54.66	24	44	57.1[16]	Tr.	229	38	[16] Decl. changed one rev. north.
	9	49.28	2			54.72			59.5	Mer.	177	82	
	7	49.27	4			54.75			59.0	Mer.	176	14	
	9	49.28	3			54.80			60.2	Mu.	250	25	
	8	49.30	1			54.95			59.1	Mu.	252	23	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
8871	5	49.25	1	11	15	57.49	35	20	32.2	Mu.	244	57	
	6.7	46.30	1			58.26			32.7	Mu.	9	42	
8872	9	51.31	5	11	16	4.51	22	44	36.1	Mer.	239	22	
8873	10	48.30	3	11	16	14.84[1]	27	37	50.7	Mer.	227	1	[1] One thread increased 10 sec.
	8.9	47.10	1			15.35			49.4	Mer.	85	20	
8874	9	47.30	2	11	16	18.12[2]	29	39	61.7	Mer.	95	45	[2] One of three threads rejected; R. A.=18^{s}.89.
	9	47.29	1			18.44			58.7	Tr.	109	68	
8875	8	47.27	1	11	16	22.10	27	41	6.1	Mu.	105	86	
	8.9	47.10	1			23.09			4.3	Mer.	85	21[3]	[3] "Double, first observed."
	10	48.30	1			23.89[4]			5.8[5]	Mer.	227	2	[4] "Double, first one." R. A. increased 10 sec.
8876	8	51.30	5	11	16	23.90	20	26	23.9	Mer.	238	22	[5] Decl. changed one rev. north.
8877	8	47.27	1	11	16	23.92	27	41	11.8	Mu.	105	87	
8878	9	51.31	5	11	16	24.76	19	5	4.3[6]	Mu.	276	19	[6] Decl. changed four rev. south.
8879	8	52.34	5	11	16	29.65	19	20	37.5	Tr.	275	17	
8880	9	49.28	2	11	16	29.98	26	8	8.4	Tr.	233	44	
	8	49.26	3			30.16[7]			10.8	Mu.	245	84	[7] R. A. decreased 1 min.
8881	9.10	47.15	2	11	16	31.48	30	49	28.6	Mu.	97	36	
	10	49.21	2			31.80			29.4	Mu.	237	12	
8882	7	49.25	1	11	16	31.58	35	16	0.1	Mu.	244	58	
8883	8	46.29	2	11	16	33.65	37	39	37.4	Mu.	6	23	
8884	9	49.25	3	11	16	33.78	38	35	2.4	Mer.	173	15	
8885	..	46.27	2	11	16	40.44[8]	39	41	9.9	Mu.	2	33	[8] One of three threads rejected; R. A.=39^{s}.36.
	9	46.28	4			40.45			14.2	Mu.	3	26	
	9	46.28	4			40.85			17.6	Tr.	6	3	
8886	8	47.23	1	11	16	52.51	30	56	41.8	Mer.	90	97	
	9.10	49.21	3			52.73			52.6	Mu.	237	13	
	9.10	47.15	2			52.81			51.6	Mu.	97	37	
	9	46.34	3			53.10[9]			48.8	Mu.	12	15	[9] One thread decreased 20 sec.
8887	10	51.22	5	11	16	55.14	22	0	6.1	Mu.	270	36	
8888	7	46.30	3	11	16	56.68	33	50	40.4	Mu.	10	63	
8889	9.10	49.22	2	11	16	56.98	31	43	4.2	Tr.	225	121	
8890	8	51.23	5	11	16	57.26	21	15	54.5[10]	Tr.	255	94	[10] One transit thread rejected; Decl.=46″.4.
8891	9	49.26	1	11	16	59.47[11]	26	11	47.9	Mu.	245	85	[11] R. A. decreased 1 min.
8892	..	47.27	2	11	17	9...[12]	28	56	....	Mer.	91	63	[12] R. A. increased 1 min. Record doubtful. Separate threads give 8^{s}.91, 9^{s}.73. GZ gives 8^{s}.8.
8893	6	46.30	3	11	17	13.23	33	27	45.5	Mu.	10	64	
	8	46.30	3			13.41			42.4	Tr.	14	14	
8894	8	49.30	2	11	17	16.14	23	39	39.5	Tr.	238	30	
	8	49.29	5			16.14			40.7	Mer.	179	46	
8895	10	47.30	2	11	17	17.06	29	23	58.4	Mer.	95	46	
8896	8	48.18	4	11	17	17.33	28	21	29.1	Mu.	158	6	
	7	47.28	3			17.35[13]			....	Mer.	92	38	[13] One of four threads rejected; R. A.=16^{s}.49.
8897	6	51.31	5	11	17	20.67	22	0	36.6	Tr.	262	18	
	10	51.22	5			20.89			30.9	Mu.	270	37	
8898	10	49.30	1	11	17	38.73	25	23	27.8	Mu.	252	24	
	8	49.28	4			38.87			27.2	Mer.	177	83	
	10	49.27	2			39.09			30.3	Mer.	176	15	
8899	6.7	47.23	3	11	17	39.46	31	10	32.4[14]	Mer.	90	98	[14] Decl. changed one wire interval north.
	8	47.34	2			39.53			32.9	Tr.	115	18	
	8	46.34	3			39.69			18.9[15]	Mu.	12	16	[15] Decl. changed fifteen rev. north.
8900	8	49.25	1	11	17	40.41	35	5	41.1	Mu.	244	59	
8901	9	48.18	1	11	17	43.40	27	50	34.6	Mu.	158	7	
	9	47.10	1			44.28			33.6	Mer.	85	22	
8902	8.9	49.26	..	11	17	52...	26	2	50.3	Mu.	245	86	
	9	49.28	2			52.40			48.4	Tr.	233	45	
	9	48.30	2			52.50			51.4	Mu.	163	15	
8903	9	46.28	2	11	17	57.03	39	37	17.9	Tr.	6	4	
	8.9	46.28	3			57.07			17.2	Mu.	3	27	
8904	10	49.29	1	11	17	57.88	23	58	57.4	Mer.	179	47	
8905	8	51.30	5	11	18	2.66	20	24	19.1	Mer.	238	23	
8906	9	51.31	3	11	18	9.34[16]	22	45	31.0	Mer.	239	23	[16] One of four threads rejected; R. A.=8^{s}.76.
	10	49.29	2			9.37			27.3[17]	Tr.	237	41	[17] Decl. changed one rev. south.
8907	5	49.25	2	11	18	13.40	35	14	....	Mu.	244	60	
	5.4	49.20	3			13.64			24.8	Mu.	236	1	
	7	46.30	5			13.81			25.0	Mu.	9	43	
8908	7	46.29	5	11	18	17.84	36	55	21.1	Tr.	9	9	
8909	9	48.25	2	11	18	18.41	26	43	30.2	Mu.	162	38	
8910	9	46.30	6	11	18	19.73	40	34	31.0[18]	Mer.	11	20	[18] Decl. changed ten rev. south.
	10	46.29	2			20.36			....	Mer.	6	5	
8911	8	49.27	2	11	18	23.78	25	12	19.7[19]	Mer.	176	16	[19] Decl. changed five rev. south.
	8	49.28	3			23.86			16.5	Mer.	177	84	
	7	49.30	1			24.24			18.6	Mu.	252	25	
8912	6	51.30	5	11	18	33.82	19	45	26.3[20]	Mer.	238	24	[20] Decl. changed five rev. south.
	4	51.31	5			33.91			24.5	Mu.	276	20	
8913	7.8	46.26	5	11	18	34.98	45	3	23.3	Mer.	1	10	
	8.9	46.28	5			35.15			22.8	Mer.	3	22	
8914	8	51.23	5	11	18	35.77	21	10	36.4[21]	Tr.	255	95	[21] One transit thread rejected; Decl.=28″.3.
8915	10	49.29	1	11	18	37.24	23	24	10.2	Mer.	179	48	
8916	..	47.27	1	11	18	38.23	28	40	....	Mer.	91	64	
8917	8	46.28	3	11	18	44.49	39	26	20.6	Mu.	3	28	
	..	46.27	1			44.80			20.1	Mu.	2	34	
8918	7	51.22	5	11	18	46.68	21	51	34.5	Mu.	270	38	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
8919	10	46.27	2	11	18	46.89	39	30	52.3	Mu.	2	35	
	9	46.28	2			47.60			49.8	Mu.	3	29	
	9	46.28	2			47.62			46.3[1]	Tr.	6	5	[1] Decl. changed one wire interval north.
8920	10	49.29	1	11	18	50.49	22	55	0.8	Mu.	251	58	
8921	10	49.28	1	11	18	52.33	40	16	41.5	Mu.	248	55	
8922	9.10	49.22	3	11	18	54.80	31	47	25.9	Tr.	225	122	
8923	7	49.28	2	11	18	55.11	24	55	48.4	Mer.	177	85	
	7	49.30	1			55.19[2]			50.2	Mu.	252	26	[2] R. A. decreased one thread interval.
	8	49.27	2			55.25			48.4	Mer.	176	17	
8924	9	46.29	3	11	18	56.60	36	29	44.8[3]	Mu.	8	32	[3] Decl. changed five rev. south.
8925	8	49.27	1	11	18	57.86	25	7	9.8	Mer.	176	18	
8926	9	49.25	2	11	18	58.78	38	40	26.1[4]	Mer.	173	17	[4] Decl. changed one wire interval south.
8927	10	49.28	3	11	19	2.20	24	25	14.7	Mu.	250	26	
	10	49.25	3			2.70			12.6	Tr.	229	39	
8928	9	48.25	2	11	19	2.39	26	45	39.8	Mu.	162	39	
8929	7	49.25	5	11	19	3.28[5]	38	36	29.8	Mer.	173	16	[5] One thread increased 10 sec.
	11	46.29	1			3.32			29.0	Tr.	7	5	
8930	7	46.30	1	11	19	6.02	34	11	19.0	Mu.	10	65	
8931	5	51.30	5	11	19	6.08	20	31	56.3	Tr.	261	36	
8932	8	46.30	2	11	19	8.23	33	20	52.4	Tr.	14	16	
8933	8	46.30	1	11	19	11.58	33	18	55.2	Tr.	14	15	
8934	10	46.29	2	11	19	15.75	36	3	28.5	Tr.	11	7	
8935	7	46.29	4	11	19	26.60[6]	37	19	59.6	Mu.	6	24	[6] R. A. increased one thread interval.
8936	8	46.29	2	11	19	35.33[7]	37	27	29.0	Mu.	6	25	[7] R. A. increased one thread interval.
8937	8	51.23	3	11	19	38.00[8]	21	23	27.7[9]	Tr.	255	96	[8] Two of five threads rejected; R. A. = $37^s.17$, $37^s.45$.
8938	9	46.30	3	11	19	38.27	29	6	23.0[10]	Mer.	10	26	
	10	47.27	1			39.00			....	Mer.	91	65	[9] First transit thread rejected; Decl. = 38″.9. If last four threads be increased 1 sec. each, the five threads give Decl. = 41″.1. AW gives 38″.
8939	10	49.28	2	11	19	40.02	40	5	9.6	Mu.	248	56	
8940	8	51.30	5	11	19	47.80	19	57	49.0	Mer.	238	25	
	7	51.22	5			48.08			49.2	Tr.	253	46	
8941	9	49.29	1	11	19	53.70	22	59	31.2	Mu.	251	59	[10] Decl. changed four rev. south. GZ gives 34″.
8942	7	51.31	5	11	19	53.90	23	20	40.4	Mer.	239	24	
	6	49.29	3			54.16			42.4	Mer.	179	49	
8943	7	51.31	5	11	20	1.92	23	15	38.6	Mer.	239	25	
8944	9	48.18	2	11	20	6.89[11]	28	8	29.6	Mu.	158	8	[11] Two of four threads rejected; R. A. = $6^s.13$, $7^s.62$.
	8	47.28	1			7.26			....	Mer.	92	39	
8945	5	49.30	1	11	20	12.33	25	2	12.6	Mu.	252	27	
	6	49.27	3			12.39			13.9	Mer.	176	19	
	6.7	49.28	2			12.45			13.2	Mer.	177	86	
8946	8	49.25	1	11	20	14.35	39	3	0.8	Mer.	173	18	
8947	9	48.34	2	11	20	17.49	22	41	40.4	Mer.	122	1	
8948	7	47.23	4	11	20	19.42	31	19	27.9	Mer.	90	99	
	8	47.34	2			19.51			26.2	Tr.	115	19	
	7	46.34	4			19.78			27.5	Mu.	12	17	
8949	9	47.10	1	11	20	27.20	29	40	35.4[12]	Mu.	90	69	[12] If micrometer reading be assumed as 17.735 instead of 17.435 rev., as recorded, Decl. = 16″.5.
	9	47.30	3			27.51			16.4	Mer.	95	47	
	9	47.29	1			27.84			16.4	Tr.	109	69	
	9.10	47.23	1			28.48[13]			19.1	Mu.	103	91	[13] "Time of transit doubtful."
8950	9.10	49.22	2	11	20	28.01	31	49	0.9	Tr.	225	123	
8951	8	49.25	1	11	20	29.44	35	14	49.9	Mu.	244	61	
8952	8	47.27	2	11	20	32.31	27	39	59.3	Mu.	105	88	
	9	48.25	1			32.36			64.9[14]	Mer.	225	21	[14] "Decl. bad."
	10	48.30	4			32.52			61.6	Mer.	227	3	
	9	47.10	1			32.67			62.0	Mer.	85	23	
8953	9	49.29	2	11	20	33.26	22	26	45.9	Tr.	237	42	
8954	9	49.25	1	11	20	34.87	38	55	52.0	Mer.	173	19	
8955	10	51.31	5	11	20	35.63	21	55	34.2	Tr.	262	19	
	8	51.22	5			35.79			33.8	Mu.	270	39	
8956	10	51.31	5	11	20	36.28	19	13	6.1	Mu.	276	21	
8957	8.9	49.25	1	11	20	36.91	34	43	32.8	Mu.	244	62	
	9	46.30	7			37.41			28.2	Tr.	13	19	
	9	46.30	5			37.43			29.5	Mu.	9	44	
	6	49.20	3			37.61			28.7	Mu.	236	2	
8958	8	47.27	1	11	20	39.22	27	33	40.3	Mu.	105	89	
	9	48.25	3			39.60[15]			43.3[16]	Mer.	225	20	[15] One of four threads rejected; R. A. = $40^s.46$.
	9	47.10	1			40.04			42.8	Mer.	85	24	[16] "Decl. bad."
8959	8	47.20	1	11	20	47.13	30	24	35.5	Mer.	88	43	
	9	47.23	1			47.29			42.6	Mu.	103	92	
	9	47.15	3			47.47			39.8	Mu.	97	38	
	9.10	49.21	2			47.51			40.6	Mu.	237	14	
8960	9	49.28	2	11	20	49.44	24	55	21.2	Mer.	177	87	
	9	49.30	1			49.96			22.5	Mu.	252	28	
8961	8	46.29	2	11	20	50.79	36	15	34.4	Mu.	8	33	
8962	9	48.25	1	11	20	54.97	26	50	28.5	Mu.	162	40	
8963	6	49.29	2	11	20	55.76	23	0	1.3	Mu.	251	60	
	7	51.31	5			56.09			3.4	Mer.	239	26	
8964	7	49.29	2	11	20	56.49	24	3	6.3	Mer.	179	50	
	9	49.30	2			56.72			5.4	Tr.	238	31	
	9	49.25	2			56.75			10.6	Tr.	229	40	
	9	49.28	4			56.81			8.2	Mu.	250	27	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
8965	8	47.27	3	11	21	7.79 [1]	31	1	50.8	Tr.	107	48	[1] Separate threads give $8^{s}.27$, $7^{s}.80$, $7^{s}.29$.
	8.9	47.15	2			7.84			53.9	Mu.	97	39	
	7	47.23	1			7.97			54.5	Mer.	90	100	
	9	49.21	3			8.07			53.7	Mu.	237	15	
	7	47.34	2			8.22			53.3	Tr.	115	20	
	7	46.34	3			8.38			50.7	Mu.	12	18	
8966	9.10	46.28	5	11	21	16.13	44	56	55.6	Mer.	3	23	
	9	46.26	5			16.28			53.8 [2]	Mer.	1	11	[2] Decl. changed one rev. north.
8967	8	48.24	2	11	21	18.77	25	31	57.5	Tr.	162	62	
	8.9	48.30	2			18.90			61.9	Mu.	163	16	
8968	9	48.25	3	11	21	19.65 [3]	26	55	55.8	Mu.	162	41	[3] One thread decreased 10 sec.
	8	47.34	3			19.77			56.1	Mer.	99	1	
8969	9	49.28	2	11	21	20.26	25	1	40.9	Mer.	177	88	
8970	8	51.23	5	11	21	20.26	21	34	10.1	Tr.	255	97	
8971	9	48.24	1	11	21	26.81	25	29	41.5 [4]	Tr.	162	63	[4] Decl. changed one wire interval north.
	8.9	48.30	3			27.16			37.6	Mu.	163	17	
8972	6	49.25	1	11	21	27.03	38	59	37.6 [5]	Mer.	173	20	[5] Micrometer reading assumed as 32.545 instead of 25.45 rev. as recorded.
8973	10	49.22	2	11	21	28.25	31	46	53.4	Tr.	225	124	
8974	8	49.30	2	11	21	31.48	23	56	27.9	Tr.	238	32	
	..	49.29	2			31.61 [6]			24.7	Mer.	179	51	[6] One thread increased one thread interval.
8975	9	49.20	2	11	21	40.46	34	50	32.2	Mu.	236	3	
8976	11	46.28	3	11	21	48.13	39	36	40.6	Tr.	6	6	
8977	10	49.29	1	11	21	52.39	22	12	3.3	Tr.	237	43	
8978	9	48.30	3	11	21	58.09	25	32	11.7	Mu.	163	18	
8979	8	47.28	3	11	21	58.62	28	19	....	Mer.	92	40	
	9.10	48.18	3			58.72			28.8	Mu.	158	9	
8980	7	47.27	3	11	22	2.84	28	38	.... [7]	Mer.	91	66	[7] Decl. changed five rev. north.
	9	46.30	4			2.98			0.9 [8]	Mer.	10	27	[8] Decl. changed five rev. north.
8981	9	46.32	2	11	22	5.06 [9]	32	21	0.0	Mu.	11	32	[9] One of three threads rejected; R. A. = $2^{s}.86$.
8982	10	49.28	2	11	22	6.24	40	9	8.7	Mu.	248	57	
8983	7	47.34	2	11	22	11. .. [10]	27	12	17.6	Mer.	99	2	[10] Separate threads give $11^{s}.46$, $12^{s}.50$.
	6	48.25	1			11.87			14.9	Mer.	225	22	
	7	47.10	3			12.25			13.4	Mer.	85	25	
	7	48.25	2			12.26			15.2 [11]	Mu.	162	42	[11] Decl. changed one rev. north.
	5.6	47.27	2			12.37			17.9	Mu.	105	90	
	5	48.30	7			12.38			15.2	Mer.	227	4	
8984	5.6	49.30	1	11	22	11.77	23	38	17.1	Tr.	238	33	
8985	12	46.30	2	11	22	12.67	33	6	27.5	Tr.	14	17	
8986	7	51.30	5	11	22	14.47	20	30	50.3	Tr.	261	37	
8987	6	49.29	1	11	22	17.78 [12]	24	10	....	Mer.	179	52	[12] R. A. decreased one thread interval.
	6.7	49.25	4			18.09			30.5	Tr.	229	41	
	8	49.28	4			18.15			34.7	Mu.	250	28	
8988	6	46.29	5	11	22	24.61	37	37	49.9	Mu.	6	26	
8989	9	46.28	2	11	22	33.22	39	11	22.4 [13]	Mu.	3	30 [14]	[13] Decl. changed one rev. north.
8990	..	52.34	5	11	22	38.50	19	23	....	Tr.	275	19	[14] GZ gives two stars same magnitude. One precedes this 2^{s}, and 4″ north. The other follows 2^{s}, and 7″ south.
	6	52.34	5			38.56			....	Tr.	275	18	
	9	51.31	5			38.64			28.3	Mu.	276	22	
8991	8	46.30	3	11	22	46.85	33	13	4.6	Tr.	14	18	
8992	10	49.29	2	11	22	47.04	22	39	17.9	Tr.	237	44	
8993	10	49.22	3	11	22	48.31	31	35	24.2	Tr.	225	125	
8994	6	49.28	3	11	22	53.62	24	58	16.8	Mer.	177	89	
	6	49.27	2			53.78			19.5	Mer.	176	20	
	4	49.30	1			54.44			20.3	Mu.	252	29	
8995	9.10	46.30	2	11	23	4. .. [15]	41	19	25.0	Mer.	13	12	[15] Separate threads give $4^{s}.08$, $5^{s}.67$.
8996	9	47.29	2	11	23	7.76	29	36	38.6	Tr.	109	70	
	8	47.30	2			8.09			39.6	Mer.	95	48	
8997	7	51.31	5	11	23	13.36	19	4	6.8	Mu.	276	24	
8998	9	51.30	5	11	23	15.73	20	43	37.4	Tr.	261	38	
8999	7	49.30	1	11	23	18.88	24	53	33.2	Mu.	252	30	
9000	6	49.25	1	11	23	25.44	38	24	33.1	Mer.	173	21	
	6	46.29	3			26.05			26.1	Tr.	7	6	
9001	10	51.22	5	11	23	25.64	21	57	28.3	Mu.	270	40	
9002	5	51.31	5	11	23	26.45	19	22	17.7	Mu.	276	23	
	6	52.34	5			26.52			19.1	Tr.	275	20	
9003	9	47.30	2	11	23	28. .. [16]	29	41	20.6	Mer.	95	49	[16] Separate threads give $28^{s}.95$, $28^{s}.08$. AW and GZ give $29^{s}.2$.
	9.10	47.23	2			28.41			24.3	Mu.	103	93	
	10	47.29	1			29.24			21.7	Tr.	109	71	
9004	8	49.28	3	11	23	33.67	25	4	22.9	Mer.	177	90	
	7	49.27	2			33.77			24.5	Mer.	176	21	
	6	49.30	1			33.96			23.6	Mu.	252	31	
9005	9	47.30	1	11	23	37.45	29	26	14.3	Mer.	95	50	
9006	8	48.18	5	11	23	38.17	27	58	13.9	Mu.	158	10	
	7.8	47.10	3			38.21			6.7	Mer.	85	26	
	7	48.30	3			38.32			5.7 [17]	Mer.	227	5	[17] Decl. changed one rev. north.
	8	47.28	3			38.36			....	Mer.	92	41	
	7	47.27	2			38.37			7.5	Mu.	105	91	
9007	8	46.29	6	11	23	40.91 [18]	41	5	.... [19]	Mer.	6	6	[18] R. A. increased one thread interval.
	8	46.30	4			41.27			58.1	Mer.	13	13	[19] Decl. changed one wire interval north.
9008	..	51.30	5	11	23	45.69	20	18	3.4	Mer.	238	26	
	8	51.22	5			46.03			5.1	Tr.	253	47	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
9009	7	49.20	2	11	23	52.44	34	49	14.8	Mu.	236	4	
	9	46.30	3			52.79			15.5	Mu.	9	45	
	8	49.25	1			53.15			13.8	Mu.	244	63	
9010	9	49.29	1	11	23	56.64	23	28	8.9	Mer.	179	53	
	9	51.31	5			56.89			9.2	Mer.	239	27	
	9	49.29	2			57.00			10.1	Mu.	251	61	
9011	8	46.29	5	11	23	56.74	44	8	26.9	Mer.	5	9	
9012	8	51.30	5	11	23	58.86	20	8	59.1	Mer.	238	28	
	7	51.22	5			59.07			60.5	Tr.	253	48	
9013	10	49.28	2	11	24	0.34	24	23	43.2	Mu.	250	29	
	10	49.25	2			0.75			35.1	Tr.	229	42	
9014	10	49.22	2	11	24	1.74	31	47	59.0	Tr.	225	126	
9015	8	46.30	2	11	24	3.32	33	30	34.5	Mu.	10	66	
9016	9	47.30	1	11	24	6.41	29	43	59.5	Mer.	95	51	
	9.10	47.23	2			7.71			54.8	Mu.	103	94	
9017	9	46.30	4	11	24	9.58[1]	40	43	16.5[2]	Mer	11	21	[1] Minute assumed.
9018	5	51.30	5	11	24	18.76	19	56	58.7	Mer.	238	27	[2] Decl. changed ten rev. south.
9019	9.10	46.28	3	11	24	19.83[3]	45	16	2.3	Mer.	3	24	[3] One of four threads rejected; R. A. = 18^{s}.70.
9020	8	49.29	2	11	24	20.01	23	42	39.1	Mer.	179	54	
	8	49.30	2			20.12			42.4[4]	Tr.	238	34	[4] Decl. changed one wire interval south.
9021	8	46.28	3	11	24	23.75[5]	39	21	11.2	Mu.	3	31	[5] R. A. decreased 1 min. and one thread interval.
	8	46.28	3			23.88			8.0	Tr.	6	7	
9022	11	46.29	1	11	24	39.92	38	22	10.6	Tr.	7	7	
9023	10	49.21	3	11	24	44.53	30	34	33.1	Mu.	237	16	
9024	6	47.28	2	11	24	50.08[6]	28	26	....	Mer.	92	42	[6] "Double, first observed." One of three threads rejected: R. A. = 51^{s}.50.
	8.9	48.18	1			50.15			31.5	Mu.	158	11	
9025	8.9	48.18	1	11	24	50.36	28	26	....	Mu.	158	12[7]	[7] "North of Mu. 158, No. 11." Gou gives 8″ north.
9026	10	49.21	3	11	24	51.34	30	33	9.5	Mu.	237	17	
9027	9	47.30	1	11	24	51.51	29	36	2.5	Mer.	95	52	
9028	6	48.30	3	11	24	56.73	25	55	12.6	Mu.	163	19	
	8	49.28	2			56.92			11.7	Tr.	233	46	
	8	49.26	5			57.02			8.6	Mu.	245	87	
9029	9	49.29	2	11	25	0.76	22	33	23.9	Tr.	237	45	
9030	10	46.29	2	11	25	2.21	35	29	43.2	Tr.	11	8	
9031	8	47.27	1	11	25	3.06	28	42	....	Mer.	91	67	
	10	46.30	4			3.24			16.4[8]	Mer.	10	28	[8] Decl. changed five rev. north.
9032	8	47.29	2	11	25	3.85	30	8	39.2	Tr.	109	72	
9033	7	47.28	1	11	25	5.79	28	18	....	Mer.	92	43	
9034	7	46.32	3	11	25	12.96	32	7	4.5	Mu.	11	33	
	9	49.22	2			13.15			9.2	Tr.	225	127	
9035	9	48.25	2	11	25	13.03	26	55	5.4	Mu.	162	43	
	9	47.34	2			13.07[9]			6.8	Mer.	99	3	[9] One thread decreased one thread interval. One of three threads rejected, R. A. = 11^{s}.02.
9036	8	47.27	1	11	25	13.36	27	46	....	Mu.	105	92	
	8	48.30	4			13.47			46.2	Mer.	227	6	
	8.9	47.10	1			13.56			43.3	Mer.	85	27	
9037	9	48.25	..	11	25	15...	27	5	23.9	Mu.	162	45	
	9	47.34	1			15.33[10]			26.3	Mer.	99	4	[10] Minute assumed.
9038	8.7	49.29	2	11	25	20.28	23	5	17.5	Mu.	251	62	
	8	51.31	5			20.39			15.3	Mer.	239	28	
9039	7	49.29	2	11	25	28.77	22	36	54.8	Tr.	237	46	
	9	48.34	3			28.83			58.6[11]	Mer.	122	2	[11] Decl. changed eight rev. south.
9040	6	47.20	3	11	25	29.49	30	15	32.4[12]	Mer.	88	45	[12] Decl. changed five rev. south.
	5	47.23	4			29.51			32.6	Mu.	103	95	
9041	9	48.25	2	11	25	30. . .[13]	26	47	40.6	Mu.	162	44	[13] Separate threads give 30^{s}.53, 29^{s}.42.
9042	6	46.28	2	11	25	30.72	39	36	41.7	Tr.	6	8	
9043	5.6	49.25	3	11	25	32.12	35	22	47.5	Mu.	244	64	
	6	49.20	3			32.30			51.6	Mu.	236	5	
	7	46.30	4			32.35			47.2	Mu.	9	46	
9044	8	49.29	2	11	25	32.17	23	4	42.3	Mu.	251	63	
	8	51.31	.5			32.39			43.8	Mer.	239	29	
9045	9	46.34	1	11	25	32.87	31	14	49.4	Mu.	12	19	
9046	3.4	47.23	4	11	25	37.82	31	1	41.7	Mer.	90	101	
	4	46.34	3			38.06			39.5	Mu.	12	20	
	2.3	47.27	4			38.06			41.4	Tr.	107	49	
	3.4	47.34	2			38.10			41.9	Tr.	115	21	
	3	49.21	1			38.22			41.2	Mu.	237	18	
9047	8	46.30	2	11	25	45. . .[14]	34	1	8.3	Mu.	10	68	[14] R. A. increased 1 min. Separate threads give 44^{s}.16, 45^{s}.42.
9048	8	46.30	2	11	25	50.22	33	57	20.6[15]	Mu.	10	67	
9049	6	52.34	5	11	25	57.15	19	40	33.0	Tr.	275	21	[15] Decl. changed one rev. south.
	11	51.31	5			57.24			36.1	Mu.	276	26	
9050	10	49.29	1	11	26	4.88	23	53	54.2	Mer.	179	55	
	11	49.30	2			5.31			53.8	Tr.	238	35	
9051	9	49.28	1	11	26	5.28	24	59	5.0	Mer.	177	91	
	10	49.27	2			5.38			7.8	Mer.	176	22	
	10	49.30	1			5.45			8.3	Mu.	252	32	
9052	9	51.30	5	11	26	6.24	19	43	5.1	Mer.	238	29	
	9	51.31	5			6.29			4.7	Mu.	276	25	
9053	9	48.30	2	11	26	8. . .[16]	25	41	51.7	Mu.	163	20	[16] Separate threads give 8^{s}.07, 9^{s}.16.
9054	10	51.22	5	11	26	13.92	21	37	17.8	Mu.	270	41	
9055	8	49.29	1	11	26	18.62	22	37	26.5	Tr.	237	47	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
9056	5	46.28	4	11	26	18.72	39	45	35.6	Mu.	3	32	
	5.4	49.28	2			20.09			32.4	Mu.	248	58	
9057	7.8	47.29	2	11	26	21.66	29	49	35.0	Tr.	109	73	
	7.8	46.29	4			21.67[1]			34.5[2]	Mer.	8	2	[1] One of five threads rejected; R. A.=22ˢ.44.
	7	47.30	1			22.09[3]			38.1	Mer.	95	53	[2] Decl. changed three wire intervals south and one rev. north.
9058	9.10	49.26	2	11	26	22.88	25	59	13.5	Mu.	245	88	
	9	49.28	2			23.43			12.2	Tr.	233	47	[3] R. A. increased one thread interval.
9059	9	46.30	1	11	26	45.50	33	3	30.5	Tr.	14	19	
9060	9	47.30	1	11	26	48.11	29	41	29.6	Mer.	95	54	
9061	8	49.25	2	11	26	53.90	39	6	40.6	Mer.	173	22	
9062	8	46.30	7	11	26	56.97	40	19	37.4[4]	Mer.	11	22	[4] Decl. changed forty rev. north.
	5	49.28	3			57.22			30.5	Mu.	248	59	
9063	9	47.10	1	11	26	57.86	27	20	46.4	Mer.	85	28	
	7	48.30	1			57.91			43.9	Mer.	227	7	
9064	10	49.29	1	11	26	58.62	22	52	51.4	Mu.	251	64	
9065	10	49.25	3	11	26	59.00	24	29	9.7	Tr.	229	43	
	9.10	49.28	3			59.11			9.9	Mu.	250	30	
9066	7	49.20	3	11	26	58. . .[5]	35	22	31.7	Mu.	236	6	[5] Separate threads give 58ˢ.89, 59ˢ.40, 58ˢ.34.
	6.7	49.25	3			59.06			30.7	Mu.	244	65	
	8.9	46.30	3			59.45[6]			28.8	Mu.	9	47	[6] Two threads increased one thread interval each and one increased two thread intervals.
9067	9	46.30	2	11	27	2.49	33	23	13.7	Tr.	14	20	
9068	6	48.30	2	11	27	4.85	27	27	29.4	Mer.	227	8	
	7	48.25	4			4.93[7]			27.4	Mer.	225	23	[7] Three threads increased 10 sec. each.
	7.8	47.10	1			4.90			29.9	Mer.	85	29	
9069	8	52.34	5	11	27	4.91	19	28	11.0	Tr.	275	22	
9070	8.9	47.10	1	11	27	7.56	27	33	4.9	Mer.	85	30	
	8	48.25	2			8.05[8]			7.4	Mer.	225	24	[8] R. A. increased 10 sec.
	8	48.30	1			8.54			5.3	Mer.	227	9	
9071	8	46.29	2	11	27	11.62	37	57	59.0[9]	Mu.	6	27	[9] Decl. changed one rev. south.
9072	7.8	49.22	3	11	27	12.85	32	1	46.6	Tr.	225	128	
9073	8	51.31	4	11	27	17.59	22	46	16.3	Mer.	239	30	
9074	7	47.10	1	11	27	21.99	27	34	50.0	Mer.	85	31	
	6	48.30	2			22.00			53.5	Mer.	227	10	
	7	48.25	2			22.30[10]			51.2	Mer.	225	25	[10] R. A. increased 10 sec.
9075	8	51.31	5	11	27	22.51	22	44	23.4	Mer.	239	31	
	9	49.29	2			22.62			24.8	Tr.	237	48	
	9	48.34	2			22.84			2[illegible].4	Mer.	122	3	
9076	8	47.23	2	11	27	23.26	31	36	57.4	Mer.	90	102	
	9	47.34	1			24.01			59.3	Tr.	115	22	
9077	9	46.34	1	11	27	24.07	31	6	20.0	Mu.	12	21	
9078	10	49.30	1	11	27	32.92	24	44	52.3	Mu.	252	33	
9079	8	52.34	5	11	27	34.89	19	33	24.7	Tr.	275	23	
9080	7.8	47.30	1	11	27	35.31	29	12	17.0	Mer.	95	55	
	7	47.10	1			35.99			11.4	Mu.	90	70	
	8	46.30	7			36.09			10.7	Mer.	10	29	
9081	7	47.20	3	11	27	37.68	29	53	45.4	Mer.	88	46	
	8.9	47.23	4			37.84			44.1	Mu.	103	96	
	7	47.29	2			37.84			45.5	Tr.	109	74	
9082	7	51.30	5	11	27	40.01	19	43	40.8	Mer.	238	30	
	5	51.31	5			40.02			44.2	Mu.	276	27	
9083	8	49.29	2	11	27	49.91	23	0	14.6	Mu.	251	65	
	9	51.31	5			50.16			14.2	Mer.	239	32	
9084	8	46.30	7	11	27	51.16	34	46	59.0	Tr.	13	20	
	6	49.20	2			51.28			58.7	Mu.	236	7	
	6	49.25	1			51.30			59.0	Mu.	244	66	
9085	10	49.30	2	11	27	54.70	23	44	28.4	Tr.	238	36	
	9	49.29	4			54.88			30.4	Mer.	179	56	
9086	9	51.30	5	11	27	56.79	19	40	55.3	Mer.	238	31	
9087	8	51.30	5	11	27	59.70	20	50	2.9	Tr.	261	39	
9088	8.9	46.29	1	11	28	1.88	37	58	31.3	Mu.	6	28	
9089	10	49.27	1	11	28	16.49	25	9	35.9	Mer.	176	24	
9090	10	49.26	1	11	28	20.49	26	18	58.8	Mu.	245	89	
9091	7	46.30	2	11	28	24.66[11]	33	57	26.0	Mu.	10	69	[11] R. A. decreased 1 min.
9092	7	46.30	. .	11	28	44. . .	33	46	59.3	Mu.	10	70	
9093	9	46.28	1	11	28	44.49[12]	39	41	0.6	Mu.	3	33[13]	[12] "Time of transit doubtful."
9094	8	49.28	3	11	28	47.83	24	55	10.4	Mer.	177	92	[13] Unidentified. Looked for with equatorial but not found.
	9	49.30	1			47.86			11.6	Mu.	252	34	
	9	49.27	3			47.88			11.3	Mer.	176	23	
9095	9	49.26	3	11	28	53.77	25	55	41.5	Mu.	245	90	
	9	48.30	2			53.80[14]			43.3	Mu.	163	21	[14] One thread increased 10 sec.
	9	49.28	2			54.05			44.0	Tr.	233	48	
9096	10	49.29	2	11	28	54.11	22	48	26.0	Tr.	237	49	
9097	9	47.34	3	11	29	0.28[15]	27	2	6.4	Mer.	99	5	[15] Two threads increased 5 sec. each.
	9	48.25	1			1.18			6.8	Mu.	162	46	
9098	9	47.34	1	11	29	7.39	31	11	0.3	Tr.	115	23	
9099	11	46.29	2	11	29	7.62	38	42	54.0	Tr.	7	8	
	8	49.25	2			7.92			55.0	Mer.	173	23	
9100	6	46.32	4	11	29	9.33	32	44	19.2	Mu.	11	34	
9101	10	47.28	1	11	29	9.67	28	12	. . . .	Mer.	92	44[16]	[16] Unidentified. Looked for with equatorial but not found. CPD−28°4318 follows 39ˢ.
9102	10	46.30	4	11	29	10.79	41	6	32.4	Mer.	13	14	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
9103	7	49.20	1	11	29	11.32	35	17	28.5[1]	Mu.	236	8	[1] Decl. changed one rev. south.
	8	46.30	5			11.48			29.6	Mu.	9	48	
	6.7	49.25	1			11.66			29.1	Mu.	244	67	
9104	8	49.22	2	11	29	14.14	32	5	44.4	Tr.	225	129	
9105	7	46.30	2	11	29	14.93	33	49	17.2	Mu.	10	71	
9106	9	46.30	2	11	29	15.32	40	38	19.4[2]	Mer.	11	23	[2] Decl. changed ten rev. south.
9107	7	49.29	7	11	29	15.91	23	36	29.6[3]	Mer.	179	57	[3] Decl. changed one wire interval north.
	8	49.30	2			15.95			26.2	Tr.	238	37	
	5	49.29	2			16.02			28.3	Mu.	251	66	
9108	9	46.28	3	11	29	16.65	39	41	32.6	Tr.	6	9	
9109	8	46.29	4	11	29	18.05	36	24	41.4[4]	Mu.	8	35	[4] If micrometer reading be assumed as 26.50 instead of 26.30 rev., as recorded, Decl. = 28″.8. Gou gives 27″.
9110	7	52.35	5	11	29	23.62	20	8	....	Tr.	276	1	
	8	51.30	5			23.65			5.3	Mer.	238	32	
	..	51.22	5			23.81			....	Tr.	253	49	
9111	10	46.29	1	11	29	24.95	36	12	31.1	Mu.	8	34	
9112	10	49.21	3	11	29	28.07	30	55	28.4	Mu.	237	19	
9113	10	49.30	1	11	29	28.81	25	20	49.7	Mu.	252	35	
	9	49.28	3			29.07			49.0	Mer.	177	93	
9114	6	51.31	5	11	29	29.13	22	7	12.8	Tr.	262	20	
9115	9	46.34	1	11	29	30.61[5]	31	38	58.4	Mu.	12	22	[5] R. A. decreased one thread interval.
	7	47.23	4			30.82[6]			59.5	Mer.	90	103	[6] One of five threads rejected; R. A. = 30^s.01.
	9	47.34	1			30.93			62.0	Tr.	115	24	
9116	7.8	49.22	2	11	29	35.18	32	9	19.1	Tr.	225	130	
9117	8	49.20	2	11	29	40.92	34	45	19.7	Mu.	236	9	
	8.9	49.25	1			41.13			20.8	Mu.	244	68	
9118	8	49.25	2	11	29	45.78	38	38	9.1	Mer.	173	24	
9119	8	47.34	2	11	29	46.34	27	10	8.7	Mer.	99	6	
9120	9.10	48.18	1	11	29	48.50	28	12	44.8	Mu.	158	13	
9121	9	48.34	4	11	29	54.47	22	23	46.1	Mer.	122	4	
	7.8	49.29	2			55.00			39.7[7]	Tr.	237	50	[7] Decl. changed two rev. north.
9122	10	46.29	2	11	29	55. . .[8]	40	40	....	Mer.	6	7	[8] Separate threads give 54^s.94, 55^s.89. GZ gives 55^s.9.
	9	46.30	2			55.88			8.7	Mer.	11	24	
9123	10	46.29	3	11	30	5.28	35	53	53.7	Tr.	11	9	
9124	9	51.31	5	11	30	9.62	22	50	28.7	Mer.	239	33	
9125	6	46.29	2	11	30	10.09	38	31	40.9	Tr.	7	9	
	6	49.25	2			10.10			44.1	Mer.	173	25	
9126	4.5	47.27	3	11	30	20.04	30	23	9.9	Tr.	107	50	
	8.9	47.23	5			20.07			8.0	Mu.	103	97	
	7	49.27	4			20.14			3.7	Tr.	232	1	
	8	49.21	4			20.18			9.7	Mu.	237	20	
	7	47.20	2			20.35			8.9	Mer.	88	47	
9127	8	48.25	4	11	30	26.77	27	25	36.2	Mer.	225	26	
	7	47.10	1			26.82			38.3	Mer.	85	32	
	7	47.27	1			26.83			37.5	Mu.	105	93	
	7	48.30	6			27.00			35.1	Mer.	227	11	
9128	11	46.29	2	11	30	27.77	35	43	59.4	Tr.	11	10	
9129	10	49.30	2	11	30	33.34	23	58	1.7	Tr.	238	38	
9130	9	48.25	2	11	30	34.66	26	30	5.9	Mu.	162	47	
	9	49.28	1			34.96			9.7	Tr.	233	49	
	9.10	49.26	2			35.24			9.6	Mu.	245	91	
9131	9	52.35	5	11	30	36.25	19	52	....	Tr.	276	2	
	9	51.30	5			36.48			56.3	Mer.	238	33	
9132	9.8	49.28	2	11	30	42.86	40	13	36.9	Mu.	248	60	
9133	8	48.25	4	11	30	44.06	27	27	36.0	Mer.	225	27	
	..	48.30	4			44.07			36.3	Mer.	227	12	
	7	47.27	1			44.12			32.8	Mu.	105	94	
	7	47.10	2			44.32			30.6	Mer.	85	33	
9134	9	49.28	2	11	30	46.30[9]	24	45	33.9	Mer.	177	94	[9] One of three threads rejected; R. A. = 47^s.13.
	8	49.30	1			46.75			34.2	Mu.	252	36	
	9	49.28	3			47.10			36.5	Mu.	250	31	
	9	49.27	3			47.20			37.9	Mer.	176	25	
	10	49.25	3			47.27			37.7	Tr.	229	44	
9135	10	49.28	2	11	30	47.88[10]	24	47	19.5	Mer.	177	95	[10] One of three threads rejected; R. A. = 48^s.81.
	10	49.27	2			48.69			18.1	Mer.	176	26	
	9	49.30	1			48.93			10.2	Mu.	252	37	
	9.10	49.28	2			48.95			21.9	Mu.	250	32	
9136	9	46.28	4	11	30	53.13	44	55	8.7	Mer.	3	25	
	8.9	46.26	3			53.46			5.9[11]	Mer.	1	12	[11] Decl. changed one rev. north.
9137	9.10	48.30	2	11	30	53.16	25	27	49.2	Mu.	163	22	
9138	7	46.32	4	11	30	55.25	32	46	29.5	Mu.	11	35	
9139	8	46.29	3	11	30	59.42	37	38	52.1	Mu.	6	29	
9140	8	46.30	2	11	31	4.64	33	23	40.2	Tr.	14	21	
	8	46.30	2			4.79			41.3	Mu.	10	72	
9141	10	49.29	1	11	31	6.71	23	0	42.3	Mu.	251	67	
9142	6	52.34	5	11	31	8.68	19	40	6.1	Tr.	275	24	
	10	51.31	5			8.86			4.0	Mu.	276	28	
9143	9.10	49.28	1	11	31	14.49	40	1	40.5	Mu.	248	61	
9144	..	52.35	4	11	31	16.87[12]	20	13	....	Tr.	276	4	[12] One of five threads rejected; R. A. = 17^s.48.
	11	52.35	5			16.91			....	Tr.	276	3	
9145	8	46.29	2	11	31	17.31	38	25	1.8	Tr.	7	10	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
9146	7	51.30	5	11	31	22.14	20	20	33.8	Mer.	238	34	
9147	7	46.28	5	11	31	25.04[1]	39	28	18.6	Mu.	3	34	[1] One of six threads rejected; R. A.=$24^{s}.25$.
	7	46.28	4			25.14			17.6	Tr.	6	10	
9148	7.8	49.30	3	11	31	28.79	23	52	51.9	Tr.	238	39	
	6	49.29	5			28.88			48.4	Mer.	179	58	
9149	8	49.29	2	11	31	32.17	23	28	29.5	Mu.	251	68	
	8	51.31	5			32.34			30.4	Mer.	239	34	
9150	8	49.25	3	11	31	33.98	39	1	49.1	Mer.	173	26	
9151	9	47.23	2	11	31	36.15	30	2	50.5	Mu.	103	98	
	9	47.29	2			36.55			46.8	Tr.	109	75	
	7	47.20	1			36.66			53.0[2]	Mer	88	48	[2] Decl. changed three wire intervals north.
9152	8	47.30	2	11	31	47.71	29	31	7.6[3]	Mer.	95	56	[3] Micrometer record uncertain.
9153	7	47.34	2	11	31	48.02	26	0	50.9	Mu.	113	1	
	8	48.30	3			48.30			49.8[4]	Mu.	163	23	[4] Decl. changed five rev. south.
	8	49.28	2			48.47			49.4	Tr.	233	50	
	8.9	49.26	3			48.56			50.7	Mu.	245	92	
9154	8	49.28	..	11	31	51...	24	3	56.5	Mu.	250	33	
	7	49.29	1			51.05			54.9	Mer.	179	59	
	7.8	49.25	1			51.27[5]			58.8	Tr.	229	45	[5] R. A. decreased 1 min.
9155	8	49.27	3	11	31	55.93	30	22	33.5	Tr.	232	2	
	9.10	49.21	2			55.98[6]			36.0	Mu.	237	21	[6] R. A. decreased 30 sec.
9156	8	51.22	4	11	31	57.97[7]	21	45	54.1	Mu.	270	42	[7] One of five threads rejected; R. A.=$57^{s}.47$.
9157	7	49.25	1	11	31	58.53	38	33	9.2	Mer.	173	27	
	9	46.29	2			58.65			8.9	Tr.	7	11	
9158	9	46.29	2	11	32	5.42	36	36	1.4	Mu.	8	36	
9159	9	47.30	2	11	32	6.43	29	39	9.0	Mer.	95	57	
9160	9.10	49.22	3	11	32	10.75	31	46	4.1	Tr.	225	131	
9161	9	49.20	2	11	32	12.97	34	24	8.1	Tr.	221	1	
9162	9	49.20	2	11	32	18.94	34	9	1.7	Tr.	221	2	
9163	9.10	46.28	2	11	32	26.59	45	8	44.3[8]	Mer.	3	27	[8] Decl. changed three rev. south.
	9	46.26	1			27.43[9]			29.3[10]	Mer.	1	14	[9] R. A. decreased one thread interval.
9164	8	48.30	3	11	32	29.22	25	48	31.4	Mu.	163	24	[10] If micrometer reading be assumed as 41.003 instead of 41.503 rev., as recorded, Decl.=46″.8.
9165	11	51.30	5	11	32	29.92	20	52	5.9	Tr.	261	40	
9166	6	46.32	4	11	32	30.29	32	37	4.4	Mu.	11	36	
9167	11	52.35	5	11	32	31.31	19	53	....	Tr.	276	5	
9168	8	47.30	2	11	32	32...[11]	29	38	52.3	Mer.	95	58	[11] Separate threads give $31^{s}.68$, $32^{s}.92$.
	8.9	47.23	3			32.90			54.1	Mu.	103	99	
	7.8	46.29	5			32.90			53.9[12]	Mer.	8	3	[12] Decl. changed two wire intervals north.
	8	47.29	2			32.97			52.9	Tr.	109	76	
	7.8	47.10	2			33.04			56.2	Mu.	90	71	
9169	9	46.28	3	11	32	33.55	44	58	3.7	Mer.	3	26	
	9	46.26	3			33.66			10.1	Mer.	1	13	
9170	7	46.29	4	11	32	34.36	37	16	34.1	Mu.	6	30[13]	[13] "Faint companion follows 1^{s}, and 3″ south."
	8	46.29	2			34.41			38.5	Tr.	9	10	
9171	8	49.25	1	11	32	36.43	38	36	52.7	Mer.	173	28	
9172	9.10	48.18	3	11	32	40.08	28	30	20.9	Mu.	158	14	
	8	47.28	2			40.11			....	Mer.	92	45	
9173	8	51.23	5	11	32	43.63	21	16	16.9	Tr.	255	98	
9174	5	46.30	2	11	32	46.51	33	54	48.0	Mu.	10	73	
9175	6.7	47.27	3	11	32	46.85	27	39	52.8	Mu.	105	95	
	7	48.25	5			46.97			52.8	Mer.	225	28	
	6	48.30	5			47.08			50.6	Mer.	227	13	
	6.7	47.10	5			47.13			55.1	Mer.	85	34	
9176	8	46.29	1	11	32	49.74	38	18	58.6	Tr.	7	12	
9177	9	49.25	2	11	32	56.09	35	0	55.2	Mu.	244	69	
9178	10	49.29	1	11	33	16.25	22	13	12.1	Tr.	237	51	
9179	10	48.34	2	11	33	17.29	22	15	0.5	Mer.	122	5	
	9	49.29	1			17.85			2.8	Tr.	237	52	
9180	8	46.32	1	11	33	17.61	32	37	20.7	Mu.	11	37	
9181	10	49.30	1	11	33	19.66	25	14	4.2	Mu.	252	39	
9182	9	47.34	1	11	33	21.14	25	59	34.2	Mu.	113	3	
	10	49.28	1			21.80[14]			32.3	Tr.	233	51	[14] R. A. decreased 10 sec.
9183	8.9	47.34	2	11	33	25.35	25	58	43.5	Mu.	113	2	
	10	49.28	1			25.77			44.3	Tr.	233	52	
	9.10	49.26	2			25.83			42.8	Mu.	245	93	
9184	7	49.27	2	11	33	29.55[15]	25	24	25.5	Mer.	176	27	[15] One of three threads rejected; R. A.=$30^{s}.53$.
	8	49.28	5			29.93			25.0	Mer.	177	96	
	8	49.30	1			30.11			25.3	Mu.	252	38	
9185	11	51.30	5	11	33	31.30	20	32	47.5	Tr.	261	41	
9186	9	46.30	2	11	33	32.75	33	5	40.3	Tr.	14	22	
9187	9	47.30	1	11	33	39.17[16]	29	27	7.2	Mer.	95	59	[16] R. A. decreased two thread intervals.
9188	9	49.29	1	11	33	40.78	23	31	19.8	Mu.	251	69	
	8	49.29	3			40.78			19.0	Mer.	179	60	
	9	51.31	5			40.84			16.2	Mer.	239	35	
	10	49.30	2			40.96			19.1	Tr.	238	40	
9189	8.9	46.30	2	11	33	41.54	40	3	13.7	Mer.	11	25	
	7.8	49.28	1			42.18			11.6	Mu.	248	62	
9190	6	47.28	3	11	33	42...[17]	28	22	....	Mer.	92	46	[17] Separate threads give $43^{s}.03$, $42^{s}.27$, $37^{s}.18$.
	7	48.18	4			42.25			25.1	Mu.	158	15	
9191	9	48.25	3	11	33	44.43	27	13	28.6	Mu.	162	48	
	8	48.30	2			44.55			29.0	Mer.	227	14	
	9	47.27	1			44.71			32.8	Mu.	105	96	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
9192	10	49.29	1	11	33	47.12	23	14	43.5	Mu.	251	70	
9193	10	49.28	1	11	33	47.76	40	0	3.2	Mu.	248	63	
9194	7	46.30	2	11	33	50.07	33	40	3.9	Mu.	10	74	
9195	8	48.30	3	11	33	53.35	25	50	14.3	Mu.	163	25	
9196	7	46.30	4	11	33	56.04	34	46	20.9	Tr.	13	21	
	8	49.20	2			56.11			18.4	Tr.	221	3	
	7	49.20	3			56.12			18.7	Mu.	236	10	
	7.6	49.25	2			56.31			19.8	Mu.	244	70	
9197	11	52.35	5	11	33	57.60	20	1	....	Tr.	276	6	
9198	6.7	49.28	1	11	33	59.27	40	10	52.7	Mu.	248	64	
	8	46.30	4			59.74			55.6	Mer.	11	26	
9199	8	46.30	1	11	34	6.35	33	43	17.1	Mu.	10	75	
9200	8	52.34	5	11	34	6.87	19	12	26.4	Tr.	275	25	
9201	4	46.34	..	11	34	15. . .	31	39	60.7	Mu.	12	23	
	4	47.34	1			14.62			64.9	Tr.	115	25	
	5	47.23	3			15. . .[1]			57.0	Mer.	90	104	[1] Separate threads give $14^{s}.45$, $15^{s}.06$, $15^{s}.64$.
	7	49.22	2			15.12			62.3	Tr.	225	132	
9202	8	51.22	5	11	34	16.30	21	49	18.4	Mu.	270	43	
9203	9	49.22	1	11	34	18.88	31	39	10.3[2]	Tr.	225	133	[2] Micrometer record uncertain.
	9	47.23	1			19.66[3]			....	Mer.	90	105	[3] Minute assumed.
9204	6	49.29	2	11	34	25.41	23	33	11.0	Mer.	179	61	
	7	51.31	5			25.58			11.9	Mer.	239	36	
	6.7	49.29	2			25.74			13.6	Mu.	251	71	
	7.8	49.30	2			25.85			14.5	Tr.	238	41	
9205	9	46.28	2	11	34	26.58[4]	39	44	17.8	Mu.	3	35	[4] R. A. increased 1 min.
	11	46.28	1			28.75			20.4	Tr.	6	11	
9206	4	51.31	5	11	34	29.55	19	27	37.8	Mu.	276	29	
	4	52.34	5			29.60			37.9	Tr.	275	26	
	4	52.34	5			29.65			37.7	Tr.	275	27	
9207	8	46.29	2	11	34	30.85	38	27	2.1	Tr.	7	13	
	7	49.25	1			31.17			2.4	Mer.	173	29	
9208	9.10	46.28	1	11	34	38.36	44	48	58.5	Mer.	3	28	
9209	8	46.29	2	11	34	45.39	37	30	38.2	Mu.	6	31	
9210	11	51.31	5	11	34	56.49	21	42	2.7	Tr.	262	21	
9211	8	48.25	2	11	35	2.50[5]	26	40	46.0	Mu.	162	49	[5] One of three threads rejected; R. A.=$3^{s}.37$.
	8	47.34	1			3.09			50.0	Mu.	113	4	
	9	49.26	2			3.37			46.1	Mu.	245	94	
9212	8	49.25	1	11	35	6.65	35	9	40.0	Mu.	244	71	
	9	49.20	2			6.85			36.6	Mu.	236	11	
9213	10	46.30	4	11	35	7.55	41	16	19.7	Mer.	13	15	
9214	9	46.28	2	11	35	10.65	39	35	37.4	Mu.	3	36	
9215	8.9	46.29	1	11	35	25.33[6]	37	27	28.1	Mu.	6	32	[6] R. A. increased 1 min.
9216	..	47.30	2	11	35	25.80	29	11	49.1	Mer.	95	60	
9217	10	49.20	1	11	35	35.39	35	11	23.7	Mu.	236	12	
9218	7	49.25	2	11	35	35.95	38	42	48.7	Mer.	173	30	
9219	9	52.35	5	11	35	45.42	19	57	....	Tr.	276	7	
	9	51.30	5			45.44			51.6	Mer.	238	35	
9220	9	49.29	2	11	35	48.16	23	55	28.9	Mer.	179	62	
	9	49.30	3			48.29			32.0	Tr.	238	42	
9221	8	49.25	2	11	35	48.75	38	36	32.8	Mer.	173	31	
	9	46.29	2			48.87			34.9	Tr.	7	14	
9222	9	49.25	1	11	35	49.30	34	54	22.0	Mu.	244	72	
9223	10	49.30	1	11	35	50.81	24	43	15.6	Mu.	252	40	
9224	7	49.27	3	11	35	59.42	30	11	29.3	Tr.	232	3	
	9	47.23	2			59.51			26.0	Mu.	103	100	
9225	6	46.29	7	11	35	59.75	36	21	23.5	Mu.	8	37	
9226	9	46.30	4	11	36	0.10	40	42	41.0	Mer.	11	27	
	9	46.29	5			0.31			....	Mer.	6	8	
9227	8	46.30	3	11	36	0.42	33	3	8.5[7]	Tr.	14	23	[7] Decl. changed one rev. south.
9228	8	51.31	5	11	36	3.36	23	23	2.4	Mer.	239	37	
	9	49.29	1			3.60			5.8	Mu.	251	72	
9229	9	48.30	3	11	36	4.49	27	20	52.8	Mer.	227	15	
	9	47.27	2			4.61			52.2	Mu.	105	97	
9230	8	49.25	1	11	36	5.70	38	50	49.8	Mer.	173	32	
9231	10	49.28	2	11	36	11. . .[8]	24	49	54.7	Mu.	250	34	[8] Separate threads give $12^{s}.64$, $11^{s}.67$.
	8	49.27	2			11.47			52.6	Mer.	176	28	
	9.8	49.30	1			11.52			52.6	Mu.	252	41	
	7	49.28	5			11.86			53.8	Mer.	177	97	
9232	7	52.35	5	11	36	14.00	20	12	....	Tr.	276	8	
	8	51.30	4			14.18			25.3	Mer.	238	36	
9233	9	51.22	5	11	36	29.71	21	42	34.7	Mu.	270	44	
	7	51.31	5			29.71			37.6	Tr.	262	22	
9234	9	47.34	2	11	36	30.38	31	10	15.4	Tr.	115	26	
9235	8	47.34	2	11	36	31. . .[9]	26	3	3.6	Mu.	113	5	[9] Separate threads give $32^{s}.11$, $31^{s}.12$.
	9.10	48.30	1			31.40			3.7	Mu.	163	26	
	9	49.28	2			31.54			4.4	Tr.	233	53	
	9	49.26	3			31.59			3.3	Mu.	245	95	
9236	9	49.20	1	11	36	32.70	35	27	60.5	Mu.	236	13	
	9	49.25	2			32.82			61.7	Mu.	244	73	
	10	46.29	2			33.02[10]			59.6	Tr.	11	11	[10] One thread decreased 20 sec.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
9237	9	49.29	2	11	36	37.67	22	11	16.2	Tr.	237	53	
	10	48.34	2			37.81			13.0	Mer.	122	6	
9238	10	46.29	1	11	36	44.89	44	44	46.7	Mer.	5	10	
9239	9.10	48.25	2	11	36	45.64	26	35	45.2	Mu.	162	50	
9240	8	46.30	2	11	36	46.37	33	38	6.7	Mu.	10	76	
9241	8	49.27	2	11	36	49.00	30	47	35.6	Tr.	232	4	
	9	49.21	4			49.03			35.1	Mu.	237	22	
	9	47.27	2			49.44			33.2	Tr.	107	51	
9242	9.10	48.25	2	11	36	49.32	27	11	44.2	Mu.	162	51	
	9	47.34	4			49.40			44.7	Mer.	99	7	
9243	6	52.35	5	11	36	49.71	19	51	....	Tr.	276	9	
	7	51.30	5			49.97			46.3	Mer.	238	37	
9244	9	49.25	1	11	36	53.70	39	0	28.5	Mer.	173	33	
9245	10	51.31	5	11	37	2.44	19	34	56.7	Mu.	276	30	
	6	52.34	5			2.52			60.8	Tr.	275	28	
9246	7	47.10	1	11	37	8.81	29	3	28.0[1]	Mu.	90	72	[1] If micrometer reading be assumed as 53.07 instead of 52.87 rev., as recorded, Decl. = 15″.4. AW gives 14″. Gou gives 13″.
9247	11	51.30	5	11	37	18.01	20	44	25.1	Tr.	261	42	
9248	9	46.29	1	11	37	24.30	35	34	38.4	Tr.	11	12	
9249	9	47.27	2	11	37	32.72	30	56	37.6	Tr.	107	52	
	8.9	49.21	2			32.89			36.4	Mu.	237	23	
	7	46.34	2			32.92			37.5	Mu.	12	24	
	8	47.23	1			32.98			29.8	Mer.	90	106	
	7	47.34	1			33.22			38.7	Tr.	115	27	
9250	8	46.29	1	11	37	34.59	37	30	49.4	Mu.	6	33	
9251	9	49.29	5	11	37	36.85	23	38	42.4[2]	Mer.	179	63	[2] If micrometer reading be assumed as 29.957 instead of 29.457 rev., as recorded, Decl. = 25″.1, agreeing with AW, Gou, and GZ.
9252	10	49.28	1	11	37	45.76	39	54	48.8	Mu.	248	65	
9253	10	49.30	1	11	37	46.19	25	11	12.8	Mu.	252	43	
9254	9	49.28	5	11	37	46.45	25	24	12.2	Mer.	177	98	
	9.10	48.30	2			46.46			18.0	Mu.	163	27	
	9	49.27	2			46.53			14.7	Mer.	176	29	
	9	49.30	1			47.11			14.4	Mu.	252	42	
9255	8	46.30	1	11	37	48.64	33	58	38.0	Mu.	10	77	
9256	9	49.30	1	11	37	49.40	24	10	41.7	Tr.	238	43	
	9	49.25	3			49.55			35.6	Tr.	229	46	
	7	49.29	1			49.63			45.3[3]	Mer.	179	64	[3] Decl. changed ten rev. south.
	9	49.28	1			50.51			44.9	Mu.	250	35	
9257	9	46.29	1	11	37	49.72	35	34	8.2	Tr.	11	13	
9258	10	49.29	2	11	37	50.67	22	10	54.6	Tr.	237	54	
9259	8	51.23	5	11	37	51.59	21	24	6.3	Tr.	255	99	
9260	6	51.30	5	11	37	53.55	20	38	23.5	Tr.	261	43	
9261	7	47.27	3	11	37	53.70	27	32	20.8	Mu.	105	98	
	8	47.10	4			53.74			20.8	Mer.	85	35	
	8	48.30	5			53.88			18.8	Mer.	227	16	
	8	48.25	7			53.96			22.8	Mer.	225	29	
9262	10	49.21	1	11	37	54.20	30	52	44.5	Mu.	237	24	
	8	49.27	1			54.28			45.4	Tr.	232	5	
9263	7	46.28	3	11	37	58.25	39	41	1.8	Mu.	3	37	
9264	9	47.30	2	11	37	59.75	29	39	52.0	Mer.	95	61	
9265	10	46.28	4	11	38	0.59	39	29	22.6	Tr.	6	12	
9266	8	49.24	2	11	38	0.85[4]	36	47	20.0	Mu.	243	1	[4] R. A. decreased 1 min.
	9	46.29	4			0.87			22.7	Tr.	9	11	
9267	9	51.31	5	11	38	1.41	22	9	17.1	Tr.	262	23	
9268	10	46.30	4	11	38	6.44	41	14	50.4	Mer.	13	16	
9269	7.8	49.25	2	11	38	7.62	34	46	19.7	Mu.	244	74	
	8	49.20	2			7.81			17.8	Mu.	236	14	
	9	49.20	1			7.92			22.5	Tr.	221	4	
9270	8	47.29	1	11	38	8.25	30	7	23.3	Tr.	109	77	
	9	47.23	3			8.43			21.4	Mu.	103	101	
9271	9	49.28	1	11	38	11.61	24	15	41.7	Mu.	250	36	
9272	7	46.34	1	11	38	11.80	31	25	48.5	Mu.	12	25	
	9	47.34	1			12.12			52.9	Tr.	115	28	
9273	9	49.28	1	11	38	14.89[5]	39	49	40.7	Mu.	248	66	[5] R. A. increased one thread interval.
9274	7	46.28	5	11	38	19.54	44	51	26.7	Mer.	3	29	
9275	8	46.29	2	11	38	33. . .[6]	37	18	27.8	Mu.	6	34	[6] Separate threads give 34^s.25, 32^s.04. Gou gives 36^s.1.
9276	8	49.28	1	11	38	35.62	24	2	21.1	Mu.	250	37	
	7	49.29	3			36.06			21.1	Mer.	179	65	
	7.8	49.30	2			36.42			19.4	Tr.	238	44	
9277	9	47.34	3	11	38	46.71[7]	26	13	54.4	Mu.	113	6	[7] R. A. increased 1 min.
	9	49.28	1			47.08			51.7	Tr.	233	54	
	9.10	49.26	4			47.35			52.8	Mu.	245	96	
9278	6	48.25	1	11	38	48.38[8]	27	7	....	Mer.	225	30	[8] R. A. decreased one thread interval. First of two threads rejected as it does not agree with the other one and is identical with the first thread of Mer. 225, No. 31.
	7	48.25	5			48.70			48.4	Mu.	162	52	
	6	47.27	1			48.94			52.1	Mu.	105	99	
	7	47.34	2			49.30[9]			51.4	Mer.	99	8	
9279	6	46.30	3	11	38	50.84	33	55	6.8	Mu.	10	78	[9] One of three threads rejected; R. A. = 48^s.53.
9280	8	49.28	. .	11	38	50. . .	24	8	31.6	Mu.	250	38	
	7.8	49.25	3			50.99			32.0[10]	Tr.	229	47	[10] Decl. changed two rev. south.
	7	49.29	2			51.17			30.2	Mer.	179	66	
9281	9	48.18	2	11	38	54.29[11]	28	26	43.0	Mu.	158	16	[11] One of three threads rejected; R. A. = 55^s.11.
9282	9	49.29	2	11	38	54. . .[12]	22	14	25.2	Tr.	237	55	[12] Separate threads give 55^s.35, 54^s.56. AW gives 55^s.3. Mü$_2$ gives 55^s.4.
	9	48.34	3			54.68			26.5	Mer.	122	7	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
9283	9	47.10	2	11	38	58.98	27	56	12.4	Mer.	85	36	
9284	7	46.34	1	11	39	1.66	31	29	31.2 [1]	Mu.	12	26	[1] If micrometer reading be assumed as 20.59 instead of 20.89 rev., as recorded, Decl.= 50″.1. GZ gives 47″.
	9	47.34	1			2.12			50.8 [2]	Tr.	115	29	
9285	7	47.29	1	11	39	1.96	30	5	45.5	Tr.	109	78	
	9	47.23	5			2.21			40.8	Mu.	103	102	[2] Decl. changed one wire interval north.
9286	9	46.29	1	11	39	5.55	37	19	13.2 [3]	Mu.	6	35	[3] If micrometer reading be assumed as 46.534 instead of 46.234 rev., as recorded, Decl.= 18′ 54″.3. GZ gives 56″.
9287	6	51.30	5	11	39	15.17	20	38	30.9	Tr.	261	44	
9288	9	47.28	2	11	39	17.16	28	31	....	Mer.	92	47	
	9	48.18	3			17.38			17.7	Mu.	158	17	
9289	5	46.28	3	11	39	23.36	39	41	3.6	Mu.	3	38	
	5	46.28	3			23.41			2.7 [4]	Tr.	6	13	[4] Decl. changed one rev. north.
9290	9	47.30	4	11	39	29.44	29	40	3.9	Mer.	95	62	
	8.9	47.10	3			29.48			4.2	Mu.	90	73	
9291	9	49.27	2	11	39	31. . . [5]	25	9	7.4	Mer.	176	30	[5] Separate threads give 31ˢ.19, 32ˢ.13.
	8	49.28	2			31.84 [6]			6.8	Mer.	177	99	[6] First thread rejected. Assumed to have been recorded here by mistake, as it is identical with the first thread of Mer. 177, No. 100.
	9	49.30	1			32.05			7.3	Mu.	252	44	
9292	5.6	49.25	2	11	39	36.08	35	4	24.1	Mu.	244	75	
	7.6	49.20	3			36.10			20.7	Mu.	236	15	
9293	8	49.20	3	11	39	40.09	34	33	43.1	Tr.	221	5	
9294	9	49.22	3	11	39	42.36	31	59	10.7	Tr.	225	134	
9295	6	47.10	2	11	39	45.96	29	26	37.8	Mu.	90	74	
	7.8	47.30	1			45.98			35.6	Mer.	95	63	
	5	46.29	5			46.07			35.4	Mer.	8	4	
9296	7	49.27	1	11	39	46.13	25	7	43.7	Mer.	176	31	
	6	49.28	2			46.44 [7]			40.7	Mer.	177	100	[7] One of three threads rejected; R. A.=45ˢ.48.
	6	49.30	1			46.50			40.8	Mu.	252	45	
9297	9	49.29	2	11	39	47.55	22	12	33.1	Tr.	237	56	
9298	8.9	47.23	2	11	39	53.35	30	25	15.7	Mu.	103	103	
	8.9	49.21	3			53.96			15.3	Mu.	237	25	
	8	47.27	3			54.02			16.0	Tr.	107	53	
	7	49.27	2			54.19			12.9	Tr.	232	6	
9299	10	49.21	1	11	39	55.17	30	21	0.8	Mu.	237	26	
	9	49.27	1			56.30			6.7	Tr.	232	7	
9300	8	46.30	3	11	39	58.15	33	3	52.1	Tr.	14	24	
9301	9	49.28	1	11	40	4.87	24	38	31.6	Mu.	250	39	
9302	10	49.28	1	11	40	4.88	40	21	6.0	Mu	248	67	
9303	8	46.30	1	11	40	6.43	33	37	1.0	Mu.	10	79	
9304	7	49.28	2	11	40	8.17	25	8	30.1	Mer.	177	101	
	8	49.30	1			8.24			29.3	Mu.	252	46	
	8	49.27	1			8.52			32.0	Mer.	176	32	
9305	9	49.24	2	11	40	18.64	37	17	14.3	Mu.	243	2	
9306	6.7	47.27	3	11	40	19.90	27	29	22.9	Mu.	105	100	
	7	47.10	3			19.92			22.1	Mer.	85	37	
	6	48.25	3			19.93			22.3	Mer.	225	31	
	6	48.30	3			20.05			22.3 [8]	Mer.	227	17	[8] Decl. changed one rev. north.
9307	10	49.28	1	11	40	20.57	24	26	49.2	Mu.	250	40	
9308	10	47.23	1	11	40	23.72	31	33	14.2	Mer.	90	107	
	8	49.24	3			23.83			19.4	Mer.	172	1	
9309	9	47.27	1	11	40	24.52	27	33	18.8	Mu.	105	101	
	8	48.30	1			24.55			23.5 [9]	Mer.	227	18	[9] Decl. changed one wire interval south.
9310	11	46.30	2	11	40	25.46	33	14	51.9	Tr.	14	25	
9311	8	46.28	2	11	40	30.46	39	27	24.0	Mu.	3	39	
	9	46.28	1			30.91			25.1	Tr.	6	14	
9312	7.8	49.20	4	11	40	34.39	34	23	15.7	Tr.	221	6	
9313	10	49.25	1	11	40	41.41 [10]	38	59	55.9	Mer	173	34	[10] R. A. decreased one thread interval.
9314	8	52.34	5	11	40	44.82	19	13	19.2	Tr.	275	29	
9315	7.8	49.29	2	11	40	54.13	22	15	27.7	Tr.	237	57	
	8.9	48.34	4			54.24			31.6 [11]	Mer.	122	8	[11] Decl. changed one rev. south.
9316	8.9	49.28	1	11	40	55.31	24	15	8.6	Mu.	250	41	
	8	49.25	2			55.78			6.0	Tr.	229	48	
9317	7	49.28	1	11	41	1.27	25	4	19.0	Mer.	177	102	
	..	49.30	1			1.59			14.5	Mu.	252	47	
	8	49.27	1			1.80			18.2	Mer.	176	33	
9318	10	51.31	5	11	41	1.62	19	21	2.1	Mu.	276	31	
	8	52.34	5			1.65			2.4	Tr.	275	30	
9319	7.8	49.25	2	11	41	7.79	35	9	10.5	Mu.	244	76	
	7	49.20	2			7.86			10.5	Mu.	236	16	
9320	6	48.24	3	11	41	10.92	25	54	56.2	Tr.	162	64	
	4.5	47.34	3			11.00			57.9	Mu.	113	7	
	3	48.30	7			11.02			58.0	Mu.	163	28	
	5	49.28	2			11.28			57.5	Tr.	233	55	
	4	49.26	5			11.40			56.6	Mu.	245	97	
9321	8	49.30	1	11	41	18.37	25	12	54.0	Mu.	252	48	
	7	49.28	1			18.94			52.0	Mer.	177	103	
	8	49.27	1			19.21			52.7	Mer.	176	34	
9322	8	47.34	1	11	41	22.90	26	40	37.8	Mu.	113	8	
	9	48.25	3			22.94			34.4	Mu.	162	53	
	8	47.34	4			23.20			30.6	Mer.	99	9	
9323	9	47.29	1	11	41	41.37	29	49	59.7	Tr.	109	79	
	8	47.10	1			41.40			62.5	Mu.	90	75	
	8	47.30	3			41.43			59.2	Mer.	95	64	
	9	47.23	3			41.45 [12]			62.9	Mu.	103	104	[12] R. A. decreased 1 min. and one thread interval.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
9324	8	51.23	5	11	41	44.75	21	15	57.2	Tr.	255	100	
9325	10	49.22	2	11	41	55.37	31	57	9.5	Tr.	225	135	
9326	9	46.29	1	11	41	54.27 [1]	37	19	39.8	Mu.	6	36	[1] R. A. decreased one thread interval. GZ gives $56^{s}.1$.
	9	49.24	1			56.46			44.7	Mu.	243	3	
9327	8.9	46.28	5	11	42	0.37	45	14	2.7	Mer.	3	30	
9328	10	49.22	2	11	42	7.41	31	52	30.3	Tr.	225	136	
9329	8	47.23	4	11	42	10.36	31	36	40.8	Mer.	90	108	
	7	46.34	5			10.72			40.8	Mu.	12	27	
	7	49.24	4			10.87			42.0	Mer.	172	2	
	9	47.34	1			11.01			39.6	Tr.	115	30	
9330	9	48.25	2	11	42	16.00	26	44	56.5	Mu.	162	54	
	9	47.34	4			16.38			55.7 [2]	Mer.	99	10	[2] Decl. changed one rev. north.
9331	9	49.27	3	11	42	19.34	30	38	42.4	Tr.	232	8	
9332	9	46.28	5	11	42	20.34	45	10	46.0	Mer.	3	31	
9333	9	48.34	2	11	42	20.79 [3]	22	12	24.2	Mer.	122	9	[3] One of three threads rejected; R. A. = $21^{s}.57$.
	9	49.29	2			21.49			26.3	Tr.	237	58	
9334	9	49.24	3	11	42	20.87	31	40	21.5	Mer.	172	3	
9335	8	46.28	3	11	42	28.96	39	26	32.6	Mu.	3	40	
	8	46.28	4			29.14			33.3	Tr.	6	15	
9336	10	49.28	1	11	42	31.14	40	8	25.9	Mu.	248	69	
9337	9.10	47.30	2	11	42	41.69	29	42	21.7	Mer.	95	65	
9338	9.10	48.18	3	11	42	44.29 [4]	28	17	39.2	Mu.	158	18	[4] R. A. increased 1 min.
9339	11	52.35	5	11	42	48.91	19	59	....	Tr.	276	10	
9340	6.7	47.34	2	11	43	2.98	26	26	39.7	Mu.	113	9	
	6	49.28	2			3.02			35.1	Tr.	233	56	
	8	49.26	4			3.11			39.8	Mu.	245	98	
9341	8	49.24	2	11	43	3.44	36	50	49.5	Mu.	243	4	
9342	7	46.32	4	11	43	10.15	32	18	27.5	Mu.	11	38	
	7	49.24	1			10.20			26.2	Mer.	172	4	
9343	8	51.23	5	11	43	12.88	21	18	35.8	Tr.	255	101	
9344	8.9	49.28	1	11	43	12.97	40	1	65.7 [5]	Mu.	248	68	[5] If micrometer reading be assumed as 34.878 instead of 34.678 rev., as recorded, Decl. = 53″.0.
	9	46.30	4			13.53			56.9	Mer.	11	28	
9345	9	52.35	5	11	43	13.72	20	10	....	Tr.	276	11	
	8	51.30	5			13.72			7.9	Mer.	238	38	
9346	10	46.29	2	11	43	17.03	38	25	45.3	Tr.	7	15	
	9	49.25	3			17.26			45.4	Mer.	173	35	
9347	8	51.23	5	11	43	23.42	21	33	55.5	Tr.	255	102	
9348	12	46.30	2	11	43	24.82	33	27	3.5	Tr.	14	26	
9349	9	49.12	1	11	43	25.80	32	23	11.1	Mu.	225	1	
9350	9	49.24	1	11	43	29.00	36	47	46.0	Mu.	243	5	
9351	7	47.34	2	11	43	30.42	26	14	45.2	Mu.	113	10	
	6	49.28	2			30.42			43.8	Tr.	233	57	
	8.9	49.26	2			30.57			44.3	Mu.	245	99	
9352	9	46.29	3	11	43	38.61	36	6	4.1	Mu.	8	38	
	9	49.12	3			38.66			5.6 [6]	Tr.	214	1	[6] Decl. changed one rev. south.
	9	46.29	2			38.83			4.1	Tr.	11	14	
9353	10	49.29	1	11	43	39.23	23	27	59.9	Mu.	251	73	
9354	4	46.29	5	11	43	39.74	44	20	17.2 [7]	Mer.	5	11	[7] Decl. changed one wire interval south.
9355	8	49.29	1	11	43	51.11	23	0	41.3	Mu.	251	74	
	7	51.31	5			51.45			40.4	Mer.	239	38	
9356	9.10	49.21	3	11	43	53.73	30	47	35.5	Mu.	237	27	
	8	49.27	2			53.83			34.5	Tr.	232	9	
9357	9	51.31	3	11	43	55.59	22	58	34.3	Mer.	239	39	
9358	7	51.30	5	11	43	56.41	20	48	3.7	Tr.	261	45	
9359	8	49.28	2	11	44	0.82	39	51	10.7	Mu.	248	70	
9360	9	49.25	2	11	44	1.97	38	49	57.1	Mer.	173	36	
9361	8	49.25	1	11	44	2.45	38	57	57.7	Mer.	173	37	
9362	11	49.25	1	11	44	4.97	35	0	27.8	Mu.	244	77	
9363	4.5	47.29	2	11	44	7.08	29	59	16.9	Tr.	109	80	
	7	47.23	5			7.11			14.5	Mu.	103	105	
9364	10	49.22	2	11	44	8.03	31	59	17.3	Tr.	225	137	
9365	8	46.28	2	11	44	9.41	39	28	21.0	Tr.	6	16	
	8	46.28	3			9.69 [8]			20.4	Mu.	3	41	[8] R. A. decreased 1 min.
9366	10	49.29	1	11	44	14.39	23	3	....	Mu.	251	75	
	9	51.31	5			15.53			23.6	Mer.	239	40	
9367	8	46.30	3	11	44	15.00	40	24	51.7	Mer.	11	29	
	9	46.29	3			15.14 [9]			....	Mer.	6	9	[9] R. A. decreased 1 min. and increased one thread interval.
9368	8	49.25	1	11	44	21.39	38	41	20.1	Mer.	173	38	
	11	46.29	2			21.59			24.8	Tr.	7	16	
9369	9	46.34	1	11	44	23.16	31	6	1.3	Mu.	12	28	
9370	10	49.28	2	11	44	34.04	24	18	54.7	Mu.	250	42	
	10	49.25	2			34.83			58.1	Tr.	229	49	
9371	9	46.29	5	11	44	42.66	36	54	55.9 [10]	Tr.	9	12	[10] If micrometer reading be assumed as 10.54 instead of 10.34 rev., as recorded, Decl. = 66″.0.
	6.7	49.24	1			42.92			64.0	Mu.	243	6	
9372	9	51.31	5	11	44	43.04	19	8	22.6	Mu.	276	32	
9373	10	49.27	1	11	44	47.34	30	36	8.4	Tr.	232	10	
9374	11	49.25	1	11	44	52.76 [11]	34	58	27.7	Mu.	244	78	[11] R. A. decreased one thread interval.
9375	10	49.20	3	11	44	54.13	34	9	22.1	Tr.	221	7	
	8	46.30	1			54.40			11.8	Mu.	10	80	[12] Separate threads give $55^{s}.60$, $53^{s}.13$. Gou gives $55^{s}.9$.
9376	8	46.29	2	11	44	55.. [12]	37	15	43.2	Mu.	6	37	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
9377	8	51.23	5	11	45	1.27	21	11	17.9	Tr.	255	103	
9378	7	49.24	2	11	45	9.19	37	9	7.1	Mu.	243	7	
9379	7	49.25	1	11	45	12.64	38	28	23.9	Mer.	173	39	
	11	46.29	1			13.15			22.0	Tr.	7	17	
9380	9	49.29	2	11	45	13.30	23	38	44.7	Mer.	179	67	
	9	49.30	2			13.52 [1]			43.5	Tr.	238	45	[1] One of three threads rejected; R. A. = 14ˢ.52.
9381	6.7	46.29	3	11	45	14.05	37	30	17.4	Mu.	6	38	
9382	5	46.30	4	11	45	20.50	33	4	21.5	Tr.	14	27	
9383	8.9	46.29	3	11	45	25.16	40	56	....	Mer.	6	10	
9384	10	49.28	1	11	45	29.18	24	39	2.8	Mu.	250	43	
9385	9	47.34	4	11	45	31.48	26	28	23.8	Mu.	113	11	
	8	49.28	2			31.65			24.0	Tr.	233	58	
	9.10	49.26	2			31.96			24.4	Mu.	245	100	
9386	10	49.27	1	11	45	35.01	24	53	45.0	Mer.	176	35	
	10	49.30	1			35.81			43.3 [2]	Mu.	252	49	[2] Decl. changed one rev. south.
9387	8	48.30	5	11	45	37.76	27	33	56.0	Mer.	227	19	
	8.9	47.10	2			37.99			53.4	Mer.	85	38	
9388	8	46.29	3	11	45	42.37	35	44	40.9 [3]	Tr.	11	15	[3] If micrometer reading be assumed as 13.13 instead of 13.43 rev., as recorded, Decl. = 25″.8. Gou gives 29″.
9389	9	49.29	2	11	45	43... [4]	23	45	13.0	Mer.	179	68	
	8	49.30	2			43.95			16.9	Tr.	238	46	
9390	10	49.25	1	11	45	46.65	35	12.	44.2	Mu.	244	79	[4] Separate threads give 44ˢ.33, 43ˢ.36.
9391	10	49.22	1	11	45	49.26	31	50	21.7	Tr.	225	138	
9392	9.10	49.12	3	11	45	49.85	32	49	34.6	Mu.	225	2	
9393	10	49.28	2	11	45	53.. [5]	25	13	2.0	Mer.	177	104	[5] Separate threads give 52ˢ.92, 53ˢ.85.
9394	7	49.20	5	11	45	53.11	34	13	55.0	Tr.	221	8	
	6	46.30	2			53.22			49.2	Mu.	10	81	
9395	8	47.34	1	11	45	57.82	26	0	30.8	Mu.	113	12	
	8	48.30	3			57.94			29.9	Mu.	163	29	
	8	49.28	2			57.98			31.4	Tr.	233	59	
	9	48.24	3			57.99			27.5	Tr.	162	65	
	9	49.26	2			58.19			29.7	Mu.	245	101	
9396	9	51.31	5	11	45	59.30	23	4	31.6	Mer.	239	41 [6]	[6] "Very faint."
9397	8	48.25	6	11	46	0.78	27	26	37.2	Mer.	225	32	
	8	48.30	2			0.85			38.5	Mer.	227	20	
	8.9	47.10	3			0.91			38.9	Mer.	85	39	
	8	47.27	1			1.23			39.9	Mu.	105	102	
9398	8	52.34	5	11	46	0.83	19	31	9.8	Tr.	275	31	
	9	51.31	5			0.95			8.3	Mu.	276	33	
9399	7	49.25	2	11	46	2.20	38	31	45.2	Mer.	173	40	
	11	46.29	3			2.81			45.0	Tr.	7	18	
9400	8	49.27	2	11	46	4.85	30	47	52.6	Tr.	232	11	
	9.10	49.21	3			4.89			53.9	Mu.	237	28	
	9	47.27	1			4.92			53.3	Tr.	107	54	
9401	8	52.34	5	11	46	12.85	19	40	8.9	Tr.	275	32	
	9	51.31	5			13.06			12.5	Mu.	276	34	
	9	51.30	4			13.34			10.3	Mer.	238	39	
9402	8.7	49.30	1	11	46	14.30	25	0	6.2	Mu.	252	50	
	8	49.27	1			14.45			5.1	Mer.	176	36	
	..	49.28	2			14.66			6.9	Mer.	177	105	
9403	9	49.29	1	11	46	15.44	23	37	30.9 [7]	Mer.	179	69	[7] Decl. changed one wire interval north.
	8	49.30	1			15.77			24.4	Tr.	238	47	
9404	7	46.29	3	11	46	16.12	37	36	35.7	Mu.	6	39	
9405	9	46.30	1	11	46	28.57 [8]	40	35	10.8 [9]	Mer.	11	30	[8] Minute assumed.
9406	9	49.12	2	11	46	30.48	32	51	21.1	Mu.	225	3	[9] Decl. changed ten rev. north.
9407	8	47.30	1	11	46	30.64 [10]	29	8	54.5	Mer.	95	66	[10] R. A. decreased 10 sec.
	8	46.29	5			30.67			46.2	Mer.	8	5	
9408	8	46.30	2	11	46	31.57	33	49	9.8	Mu.	10	82	
9409	10	49.29	3	11	46	32.17	22	15	50.7	Tr.	237	59	
9410	9	47.23	3	11	46	34.91	30	4	20.2	Mu.	103	106	
9411	6.7	49.25	2	11	46	35.30	35	9	19.8	Mu.	244	80	
	7	49.20	3			35.31			21.7	Mu.	236	17	
9412	8	49.24	1	11	46	39.58	36	45	54.9	Mu.	243	8	
9413	8	51.23	5	11	46	54.72	21	3	39.9	Tr.	255	104	
9414	6	46.29	2	11	46	54.84	36	54	59.8 [11]	Tr.	9	13	[11] Decl. changed one rev. south.
	6.5	49.24	1			55.04			60.5	Mu.	243	9	
9415	8	46.30	2	11	46	55.23 [12]	41	12	39.4	Mer.	13	17	[12] One of three threads rejected; R. A. = 56ˢ.97.
	9	46.29	2			55.93			... [13]	Mer.	6	11	[13] Decl. changed one wire interval south.
9416	8	46.34	3	11	47	2.05	31	17	28.8	Mu.	12	29	
	11	47.34	1			2.42			27.1	Tr.	115	31	
	9	47.23	3			2.47			31.6	Mer.	90	109	
9417	4	49.28	4	11	47	4.72	24	52	57.3	Mer.	177	106	
	4.5	49.27	2			4.89			53.2	Mer.	176	37	
	2	49.30	2			4.90			55.3	Mu.	252	51	
9418	9	49.21	4	11	47	11.08	30	49	57.2	Mu.	237	29	
	8	47.27	3			11.14			56.7	Tr.	107	55	
	9	49.27	2			11.18			58.1	Tr.	232	12	
9419	7	51.31	5	11	47	11.08	22	42	57.2	Mer.	239	42	
	9	48.34	2			11.37			56.7 [14]	Mer.	122	10	[14] Decl. changed ten rev. north.
9420	9	46.30	3	11	47	15.37	41	33	38.8	Mer.	13	18	
9421	9	49.22	3	11	47	21.75	32	13	30.7	Tr.	225	139	
	8	49.24	4			22.02			31.1	Mer.	172	5	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
9422	9	46.30	2	11	47	27.21[1]	41	30	8.4[2]	Mer.	13	19	[1] R. A. increased 1 min.
9423	9	49.24	1	11	47	31.78	31	38	20.9	Mer.	172	6	[2] Decl. changed four rev. south.
9424	8	47.34	2	11	47	36.29[3]	26	54	6.4	Mer.	99	11	[3] One of three threads rejected; R. A.$=37^{s}.23$.
	9	48.25	2			37.19[4]			6.6	Mu.	162	55	[4] Separate threads give $36^{s}.81$, $37^{s}.57$.
	8	47.34	3			37.38			3.5	Mu.	112	1	
9425	9.10	48.18	2	11	47	41.87	28	9	47.8	Mu.	158	19	
9426	9	49.25	1	11	47	42.40[5]	34	50	6.0	Mu.	244	81	[5] R. A. decreased 10 sec
9427	8.9	46.29	4	11	47	48.98	41	4	....	Mer.	6	12	
	8	49.38	4			49.18			4.8	Mer.	181	1	
9428	9	49.12	3	11	47	51.95	32	36	57.0	Mu.	225	4	
	7	46.32	4			52.12			54.7	Mu.	11	39	
9429	11	49.12	3	11	47	52.01	36	27	8.7	Tr.	214	2	
9430	9	49.25	1	11	47	52.21	38	46	11.0[6]	Mer.	173	41	[6] Decl. changed one rev. south.
9431	7.8	49.28	2	11	47	53.46	24	1	28.8	Mu.	249	37	
	6	49.29	3			53.60			29.8	Mer.	179	70	
	8	49.28	1			53.64			29.7	Mu.	250	46	
	7	49.30	1			53.82			26.2	Tr.	238	48	
9432	8	47.34	1	11	47	54.35	27	18	31.6	Mu.	112	2	
	9	47.10	1			54.97[7]			27.2	Mer.	85	40	[7] R. A. increased 10 sec.
9433	8	49.29	2	11	47	54.54	22	36	56.3	Tr.	237	60	
	9.10	48.34	3			54.55			58.4[8]	Mer.	122	11	[8] Decl. changed ten rev. north.
9434	6	47.10	3	11	48	2.68	27	38	26.6	Mer.	85	41	
	4	48.25	6			2.80[9]			26.5	Mer.	225	33	[9] One of seven threads rejected; R. A.$=3^{s}.73$.
	5.6	47.27	3			2.96			26.2	Mu.	105	103	
	4	48.30	6			3.07			27.4	Mer.	227	21	
9435	8	49.28	3	11	48	9.72	24	18	34.9	Mu.	250	44	
	8	49.25	3			9.87			35.8	Tr.	229	50	
9436	9	49.24	2	11	48	10.18	31	37	6.7	Mer.	172	7	
	10	49.22	2			10.35			7.8[10]	Tr.	225	140	[10] Decl. changed two wire intervals north.
9437	7	51.30	5	11	48	13.55	20	49	5.3	Tr.	261	46	
9438	10	48.24	1	11	48	15.47	26	37	34.3	Mu.	161	41	
	9	49.28	1			15.84			40.7	Tr.	233	60	
	9	47.34	1			16.03			37.2	Mer.	99	12	
	9	48.25	1			16.05			36.5	Mu.	162	56	
9439	5	46.29	2	11	48	18.70	38	51	13.2	Tr.	7	19	
	6	49.25	2			18.73			16.2	Mer.	173	42	
9440	8	49.28	2	11	48	18.97	24	5	8.9	Mu.	250	45	
	8	49.28	1			19.13			20.4	Mu.	249	38	
	7	49.29	3			19.17			19.2[11]	Mer.	179	71	[11] Decl. changed one rev. north.
9441	11	46.30	2	11	48	21.80	33	24	9.6	Tr.	14	28	
9442	8	47.23	2	11	48	29. . .[12]	31	23	30.3	Mer.	90	110	[12] Separate threads give $28^{s}.85$, $30^{s}.04$. Gou gives $30^{s}.4$.
9443	8	52.35	5	11	48	32.81	20	9	....	Tr.	276	12	
	8	51.30	5			32.84			16.4	Mer.	238	40	
9444	8	49.27	2	11	48	45.88	30	21	15.7	Tr.	232	13	
	9.10	49.21	3			46.00			15.4	Mu.	237	30	
	9	47.23	2			46.27			12.5	Mu.	103	107	
9445	10	49.28	1	11	48	52.14[13]	25	36	43.2	Tr.	235	2	[13] GZ gives $54^{s}.2$.
	9.10	48.30	2			54.58[14]			26.2[15]	Mu.	163	31	[14] R. A. decreased 1 min.
9446	9	48.24	3	11	48	54.82	25	42	1.9	Tr.	162	66	[15] Decl. changed one rev. north. GZ gives 36″.
	9	48.30	4			54.84[16]			6.7	Mu.	163	30	[16] Two threads increased 10 sec. each and R. A. decreased 1 min.
	9	49.28	2			55.10			8.2	Tr.	235	1	
9447	9.10	47.23	1	11	48	55.88	30	13	27.0	Mu.	103	108	
9448	8	46.28	2	11	48	59.07	39	31	35.6	Mu.	3	42	
	9	46.28	2			60.40[17]			33.5	Tr.	6	17	[17] R. A. increased 1 min.
9449	8	46.30	2	11	49	1.92[18]	33	45	51.4	Mu.	10	83	[18] Minute assumed.
9450	7	46.34	5	11	49	6.95	31	25	56.7	Mu.	12	30	
	8	47.34	2			7.24[19]			60.3	Tr.	115	32	[19] "Double, first observed."
	7.8	47.23	2			7.28[20]			52.4	Mer.	90	111	[20] "Double." Component not stated. Minute assumed.
9451	7	46.34	5	11	49	8.95	31	25	[56.7][21]	Mu.	12	31	
9452	9	46.30	4	11	49	9.93	40	6	19.4[22]	Mer.	11	31	[21] "Approximately the same Decl. as Mu. 12 No. 30."
	8.9	49.28	2			10.43			20.3	Mu.	248	71	
9453	8	46.29	2	11	49	11.73	37	30	....	Mu.	6	40	[22] Decl. changed six rev. north.
9454	9	46.28	1	11	49	11.91	39	34	....	Mu.	3	44	
9455	9	46.28	1	11	49	12.92	39	32	58.4	Mu.	3	43	
9456	9	49.25	3	11	49	24.41	24	38	40.7	Tr.	229	51	
	7	49.28	5			24.49			41.0	Mer.	177	107	
	8	49.27	3			24.58			38.9	Mer.	176	38	
	9	49.28	1			24.59			41.3	Mu.	249	39	
9457	8	52.34	5	11	49	25.01	19	15	56.8	Tr.	275	33	
9458	7	46.32	3	11	49	27.24	32	28	48.4	Mu.	11	40	
	8	49.12	5			27.38			49.5	Mu.	225	5	
9459	8	46.30	1	11	49	29.33	34	3	53.8	Mu.	10	84	
9460	11	49.25	1	11	49	35.26	35	14	48.7	Mu.	244	82	
9461	9	49.20	7	11	49	38.72	34	21	30.3	Tr.	221	9	
9462	9.10	48.18	2	11	49	39. . .[23]	28	15	59.8	Mu.	158	20	[23] Separate threads give $40^{s}.61$, $39^{s}.33$. AW gives $39^{s}.2$.
9463	10	51.31	5	11	49	39.42	21	42	3.6	Tr.	262	24	
9464	10	49.29	2	11	49	41.21	22	39	55.7	Tr.	237	61	
9465	8	49.28	. .	11	49	42. . .	25	18	43.9	Mer.	177	108	
	8	49.30	2			42.00			44.0	Mu.	252	52	
	9	49.27	2			42.23			45.6	Mer.	176	39	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
9466	9	49.24	1	11	49	47.66	31	42	47.5	Mer.	172	9	
	10	49.22	2			47.67			46.8	Tr.	225	141	
9467	10	49.27	1	11	49	50.31	30	40	37.2	Tr.	232	14	
9468	12	46.29	2	11	49	51.92	38	22	42.5	Tr.	7	20	
9469	8	48.24	1	11	49	53.05	26	13	4.5	Mu.	161	42	
	6.7	47.34	7			53.48			6.7	Mu.	113	13	
	8	49.28	2			53.48			3.1	Tr.	233	61	
9470	10	48.34	1	11	49	53.73	22	22	16.2	Mer.	122	12	
9471	6.7	46.29	3	11	49	54.14	37	39	43.0	Mu.	6	41	
9472	10	48.24	2	11	49	54.88	25	41	46.1	Tr.	162	67	
	9	49.28	1			55.11			43.4	Tr.	235	3	
	9	48.30	1			55.54			45.3	Mu.	163	32	
9473	8	49.30	3	11	49	54.91[1]	23	50	8.7	Tr.	238	49	[1] R. A. increased one thread interval.
	8	49.29	3			55.08			8.1	Mer.	179	72	
9474	7	49.24	2	11	49	58.45	32	7	25.5	Mer.	172	8	
9475	9	49.24	3	11	50	6.49	36	48	55.3	Mu.	243	10	
9476	10	49.29	1	11	50	8.63	23	57	11.6	Mer.	179	74	
9477	9	51.30	5	11	50	17.46	20	29	27.7	Tr.	261	47	
9478	8	49.30	1	11	50	17.47[2]	23	40	6.0	Tr.	238	50	[2] R. A. increased one thread interval.
	9	49.29	2			17.54			9.3	Mer.	179	73	
9479	1c	49.27	1	11	50	18.35	30	32	10.3	Tr.	232	15	
9480	11	49.12	2	11	50	24. . .[3]	36	37	43.6	Tr.	214	3	[3] Separate threads give $24^{s}.60$, $23^{s}.35$. GZ gives $24^{s}.8$.
	10	49.24	1			24.19			45.3	Mu.	243	11	
9481	8	49.21	4	11	50	26.88	30	48	51.4	Mu.	237	31	
	8	47.27	2			26.91			49.5	Tr.	107	56	
9482	6.7	48.25	3	11	50	30.06	26	50	45.5	Mu.	162	57	
	7	47.34	3			30.12[4]			43.2	Mer.	99	13	[4] One of four threads rejected; R. A.=$29^{s}.17$.
	6.7	47.34	3			30.43			43.2	Mu.	112	3	
9483	7	51.31	5	11	50	34.79	23	5	9.6	Mer.	239	43	
	9	49.29	2			34.86			12.2	Mu	251	76	
	9.10	48.24	4			35.19			11.6	Mer.	121	1	
9484	10	49.29	1	11	50	41.48	23	30	9.3	Mu.	251	77	
	9	51.31	5			41.84			4.3	Mer.	239	44	
9485	9	46.29	1	11	50	41.59	38	47	53.7	Tr.	7	21	
	8	49.25	3			41.76			55.5	Mer.	173	43	
9486	8	52.34	5	11	50	42.06	19	14	31.8	Tr.	275	34	
9487	7	46.30	6	11	50	44.20[5]	40	6	47.3	Mer.	11	32	[5] One of seven threads rejected; R. A.=$43^{s}.24$.
	7.6	49.28	4			44.47[6]			45.4	Mu.	248	72	[6] R. A. increased one thread interval.
9488	9	47.34	1	11	51	5.25	26	36	9.6	Mer.	99	14	
	9	48.25	2			5.81			12.0	Mu.	162	58	
	8.9	47.34	1			6.22			7.8	Mu.	112	4	
9489	10	49.28	1	11	51	5.97	24	14	9.1	Mu.	250	47	
	11	49.25	2			6.22			5.9	Tr.	229	52	
9490	10	46.30	2	11	51	15.09	41	2	25.9[7]	Mer.	13	20	[7] Decl. changed ten rev. north.
9491	5	49.28	3	11	51	15.75	25	4	21.1	Mer.	177	109	
	3.4	49.30	3			15.85			16.7	Mu.	252	53	
	5	49.27	3			16.05[8]			22.4	Mer.	176	40	[8] Two of five threads rejected; R A.=$15^{s}.26$, $16^{s}.93$.
9492	9.10	48.34	2	11	51	22.88	22	34	38.1	Mer.	122	13	
	8	49.29	3			23.11			38.3	Tr.	237	62	
9493	10	49.30	1	11	51	25.92	24	55	28.2	Mu.	252	54	
	9	49.28	1			26.09			26.4	Mer.	177	110	
	10	49.27	1			26.11[9]			32.6	Mer.	176	41	[9] R. A. decreased 1 min.
9494	6	52.34	5	11	51	29.10	19	30	6.0	Tr.	275	35	
	5	51.31	5			29.20			7.5	Mu.	276	35	
9495	7.8	46.28	5	11	51	34.41	44	59	48.1	Mer.	3	32	
9496	8	49.24	2	11	51	42.96	31	33	52.7	Mer.	172	10	
9497	5	46.29	6	11	51	43.78	29	13	. . . .	Mer.	8	6	
	7	47.34	1			43.89			39.9	Tr.	116	1	
	7.8	47.30	3			44.03			30.4[10]	Mer.	95	67	[10] Decl. changed one rev. north.
9498	8.9	46.28	2	11	51	44.56	39	42	32.0	Mu.	3	45	
	9	46.28	3			44.66			30.4	Tr.	6	18	
9499	9	49.20	7	11	51	53.86	34	28	25.9	Tr.	221	10	
9500	9	47.28	1	11	51	54.00	28	22	. . . .	Mer.	92	48	
9501	10	49.22	1	11	51	55.94	32	6	47.3	Tr.	225	142	
9502	9.10	46.28	. .	11	51	56. . .	39	42	1.8	Mu.	3	46	
9503	9	49.25	3	11	52	2.42	38	40	26.8	Mer.	173	44	
	9	46.29	2			2.80			29.6	Tr.	7	22	
9504	8	46.32	2	11	52	6.40	28	39	54.2	Tr.	16	1	
9505	9	47.30	1	11	52	6.74	29	45	50.0	Mer.	95	68	
	9.10	47.23	1			7.32			47.6	Mu.	103	109	
	10	49.24	2			7.48			47.5	Mu.	242	1	
9506	11	49.25	2	11	52	12.82	35	18	50.5	Mu.	244	83	
9507	12	46.30	1	11	52	16.26[11]	33	1	28.1	Tr.	14	29	[11] R. A. decreased one thread interval.
9508	10	48.24	1	11	52	29.34	26	15	61.6	Mu.	161	43	
	8	47.34	3			30.00			60.9	Mu.	113	14	
	9	49.28	2			30.02			59.2	Tr.	233	62	
9509	10	46.29	3	11	52	31.68[12]	44	1	28.6	Mer.	5	12	[12] One of four threads rejected; R. A.=$32^{s}.45$.
9510	10	49.28	2	11	52	32. . .[13]	24	26	32.6	Mu.	250	48	[13] Separate threads give $32^{s}.99$, $31^{s}.90$. GZ gives $33^{s}.6$.
	10	49.25	3			33.46			27.0	Tr.	229	53	
9511	8	46.29	3	11	52	38.46[14]	35	26	56.3	Tr.	11	16	[14] Minute assumed.
	9	49.20	3			38.53			56.8	Mu.	236	18	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
9512	9	49.29	1	11	52	42.01	23	0	58.0	Mu.	251	78	
	10	48.24	2			42.28			54.0	Mer.	121	2	
9513	9	48.30	2	11	52	44.39	25	31	63.4	Mu.	163	33	
	9	48.24	2			44.87			63.8	Tr.	162	68	
	9	49.28	2			44.94			56.3	Tr.	235	4	
9514	9	47.23	5	11	52	45.25	29	45	59.2	Mu.	103	110	
	8.9	49.24	4			45.34			60.9	Mu.	242	2	
	8	47.29	3			45.41			60.9	Tr.	109	81	
	8	47.30	1			45.44			57.5	Mer	95	69	
9515	7.8	46.29	2	11	52	45.44	29	30	2.7[1]	Mer.	8	7	[1] Decl. changed two wire intervals south
	8	47.29	1			45.50			3.2	Tr.	109	82	
	8	47.30	1			45.60[2]			3.9	Mer.	95	70	[2] R. A. increased one thread interval.
9516	8	46.30	1	11	52	45.88	33	56	17.6	Mu.	10	85	
9517	9	49.29	3	11	52	48.48[3]	23	37	24.8	Mer.	179	75[4]	[3] One of four threads rejected; R. A.=$49^{s}.44$.
	8	49.30	3			49.21			22.8	Tr.	238	51	[4] "Double." Component not stated. GZ gives two stars $49^{s}.0$, 22″; $49^{s}.4$, 32″; magnitudes 8.5 and 9.
9518	9	49.28	2	11	53	2.56	25	10	25.5	Mer.	177	111	
	10	49.27	1			2.82			26.2[5]	Mer.	176	42	
9519	8	47.34	3	11	53	5. . .[6]	26	33	3.7[7]	Mer.	99	15	[5] Decl. changed one rev. north.
	8	47.34	1			5.48			2.0	Mu.	113	15	[6] Separate threads give $5^{s}.21$, $5^{s}.70$, $6^{s}.31$.
	9	48.25	2			5.96[8]			4.1	Mu.	162	59	[7] Decl. changed one wire interval north.
	9	49.28	1			6.10			3.2	Tr.	233	63	[8] Separate threads give $6^{s}.35$, $5^{s}.58$.
	8	47.34	1			6.13			1.4	Mu.	112	5	
	10	48.24	1			6.38			2.4	Mu.	161	44	
9520	10	49.12	3	11	53	9.92	36	38	38.3	Tr.	214	4	
	8	49.24	2			10.11			41.6	Mu.	243	12	
	10	46.29	1			10.27			44.3	Mu.	8	39	
9521	6	52.35	5	11	53	14.99	19	47	. . . .	Tr.	276	13	
	8	51.24	5			15.09			51.1	Mer.	238	41	
9522	7	46.34	4	11	53	18.13	31	11	15.3	Mu.	12	32	
	9	47.34	2			18.27			14.6	Tr.	115	33	
	7	47.23	3			18.65			14.9	Mer.	90	112	
9523	8	48.24	2	11	53	20.81	25	38	42.9	Tr.	162	69	
	8	49.28	2			21.27			36.5	Tr.	235	5	
	8.9	48.30	2			21.32			42.0	Mu.	163	34	
9524	9	51.31	5	11	53	24.06	22	47	59.5	Mer.	239	45	
9525	10	49.29	2	11	53	27.82	22	30	25.4	Tr.	237	63	
9526	11	46.29	1	11	53	28.01	38	11	55.2	Tr.	7	23	
9527	9	49.22	2	11	53	29.02	31	31	49.4	Tr.	225	143	
9528	10	49.29	2	11	53	40.93	22	17	3.7	Tr.	237	64	
	10	48.34	1			41.28			0.7	Mer.	122	14	
9529	6	52.35	5	11	53	43.52	19	49	. . . .	Tr.	276	14	
	7	51.30	5			43.61			36.2	Mer.	238	42	
9530	7	51.30	5	11	53	43.66	20	41	40.8	Tr.	261	48	
9531	7	46.30	4	11	53	45.63	33	12	50.8	Tr.	14	30	
9532	11	46.30	1	11	53	56.17	33	18	18.7	Tr.	14	31	
9533	10	49.20	1	11	54	0.43	34	44	51.4	Mu.	236	19	
	10	49.25	2			1.11			51.7	Mu.	244	84	
9534	9	49.22	2	11	54	3.68	31	47	25.8	Tr.	225	144	
	9	49.24	3			3.81[9]			26.5	Mer.	172	11	[9] R. A. increased 1 min
9535	8	47.23	1	11	54	5.29	31	22	10.7	Mer.	90	113	
	9	47.34	1			5.57			20.4	Tr.	115	34	
9536	8	49.38	6	11	54	5.31	40	59	37.4[10]	Mer.	181	2	[10] Decl. changed one rev. south.
	8.9	46.29	7			5.37			. . . .	Mer.	6	13	
	8	46.30	4			5.39			32.6	Mer.	13	21	
9537	10	49.25	3	11	54	5.91	24	13	46.8	Tr.	229	54	
	10	49.28	2			6.07			46.0	Mu.	250	49	
9538	8	47.23	1	11	54	7.18[11]	31	23	40.3[12]	Mer.	90	114	[11] Minute assumed.
9539	6	46.30	3	11	54	8.80	33	48	55.1	Mu.	10	86	[12] Decl. changed one rev. south.
9540	10	49.28	2	11	54	15. . .[13]	25	38	12.8	Tr.	235	6	[13] Separate threads give $15^{s}.31$, $14^{s}.41$. Gou gives $15^{s}.4$.
9541	8.9	48.30	2	11	54	21.91	25	56	0.2	Mu.	163	35	
	8	49.28	2			22.01			3.3	Tr.	233	64	
9542	7	51.30	5	11	54	22.59	19	58	22.5	Mer.	238	43	
	6	52.35	5			22.61			. . . .	Tr.	276	15	
9543	7.8	46.29	3	11	54	33.02	29	46	18.7	Mer.	8	8	
	8.9	49.24	4			33.06[14]			13.9	Mu.	242	3	[14] One of five threads rejected; R. A.=$34^{s}.54$.
	7	47.29	2			33.15			12.7	Tr.	109	83	
	8	47.30	1			33.17			15.3	Mer.	95	71	
	9	47.23	4			33.17			13.3	Mu.	103	111	
9544	9	48.25	2	11	54	33. . .[15]	26	48	40.0	Mu.	162	60	[15] Separate threads give $33^{s}.83$; $32^{s}.83$.
	9	47.34	2			33.23			39.5	Mer.	99	16	
	8	47.34	1			33.23			39.7	Mu.	112	6	
9545	10	49.29	1	11	54	34.71	22	55	38.2	Mu.	251	79	
9546	8.9	47.34	2	11	54	36.18	26	18	22.0	Mu.	113	16	
9547	9	49.24	2	11	54	42.13	31	40	4.9	Mer.	172	12	
9548	9	49.29	1	11	54	49.50	23	13	23.9	Mu.	251	80	
	10	48.24	3			49.53			30.9	Mer.	121	3	
	9	51.31	5			49.72			21.2[16]	Mer.	239	46	[16] Decl. changed three wire intervals north.
9549	8	46.29	2	11	54	52.87	38	11	37.3	Tr.	7	24	
9550	10	46.29	2	11	55	5.49	36	9	20.6	Tr.	11	17	
	10	49.12	2			5.51			19.2	Tr.	214	5	
9551	7	46.30	1	11	55	5.50	33	42	40.0	Mu.	10	87	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
9552	9	49.22	1	11	55	6.20	31	56	6.1	Tr.	225	145	
9553	8	49.25	2	11	55	7.65	35	4	29.8	Mu.	244	85	
	10	49.20	1			7.69			28.2	Mu.	236	20	
9554	11	46.28	2	11	55	17.29	39	43	2.0	Tr.	6	19	
9555	8	51.23	5	11	55	19.59	21	19	0.5	Tr.	255	105	
9556	8	49.21	4	11	55	21.09	30	51	19.6	Mu.	237	32	
	8	49.27	4			21.20			15.3	Mu.	247	1	
	7	47.27	3			21.27			23.2	Tr.	107	57	
9557	7	47.27	4	11	55	21.50	27	25	21.2	Mu.	105	104	
	7	47.10	5			21.69			20.3	Mer.	85	42	
	8	48.25	6			21.70			26.5[1]	Mer.	225	34	[1] Decl. changed ten rev. south
	8	48.30	7			21.75			20.8	Mer.	227	22	
9558	10	49.24	1	11	55	26.86	37	8	19.9[2]	Mu.	243	13	[2] Decl. changed five rev. north.
9559	9	46.32	3	11	55	30.22	28	25	31.5	Tr.	16	2	
	8.9	48.18	3			30.44			33.2	Mu.	158	21	
	9	47.28	3			30.49			....	Mer.	92	49	
9560	9	49.24	3	11	55	38.09	30	25	61.6	Tr.	227	1	
	8	49.27	3			38.09			55.2	Tr.	232	16	
9561	8	49.25	2	11	55	41...[3]	38	25	10.1	Mer.	173	45	[3] Separate threads give $40^{s}.12$, $41^{s}.07$.
9562	8.9	49.27	..	11	55	44...	30	40	29.2	Mu.	247	2	
	8	49.27	1			44.74			31.6	Tr.	232	17	
	8	47.27	3			45.00			32.7	Tr.	107	58	
	8.9	49.21	2			45.15			29.9	Mu.	237	33	
9563	11	49.12	2	11	55	48...[4]	36	30	33.6[5]	Tr.	214	6	[4] R. A. decreased 2 min. Separate threads give $49^{s}.01$, $47^{s}.85$.
9564	7	46.34	3	11	55	52.21	31	25	22.1	Mu.	12	33	
	8	47.34	2			52.44			25.6	Tr.	115	35	[5] Decl. changed one wire interval north.
	8	47.23	1			53.27			18.0[6]	Mer.	90	115	[6] Decl. changed two wire intervals north.
9565	5.6	46.30	7	11	55	54.25	41	35	37.8	Mer.	13	22	
9566	8	49.24	2	11	55	58.11	31	34	29.7	Mer.	172	13	
9567	6	46.29	2	11	56	0.43	38	10	19.8	Tr.	7	25	
9568	10	49.30	1	11	56	8.68[7]	23	34	35.8	Tr.	238	52	[7] Minute assumed.
9569	7	49.24	2	11	56	9...[8]	31	37	3.6	Mer.	172	14	[8] Separate threads give $9^{s}.66$, $8^{s}.77$. GZ gives $9^{s}.5$.
9570	7	46.30	2	11	56	11.68	33	58	23.0	Mu.	10	88	
9571	10	49.24	1	11	56	11.79	36	48	3.5	Mu.	243	14	
9572	9	47.30	1	11	56	17.25	29	47	21.2	Mer.	95	72	
	9.10	49.24	2			17.45			19.9	Mu.	242	4	
9573	9	51.30	5	11	56	21.13	19	43	6.9	Mer.	238	44	
9574	10	46.29	2	11	56	23.47[9]	40	52	....	Mer.	6	14	[9] One of three threads rejected; R. A.=$22^{s}.68$.
	8	49.38	4			23.50			22.4	Mer.	181	3	
9575	8	51.23	5	11	56	31.92	21	32	5.9	Tr.	255	106	
9576	8	47.23	1	11	56	34.72[10]	31	16	15.2	Mer.	90	116	[10] Minute assumed.
	8	46.34	3			35.08			15.9	Mu.	12	34	
9577	7	52.35	5	11	56	36.19	20	12	....	Tr.	276	16	
	7	51.30	5			36.41			14.1	Mer.	238	45	
9578	8	52.35	5	11	56	51.39	19	47	....	Tr.	276	17	
	9	51.30	5			51.39			18.6[11]	Mer.	238	46	[11] Decl. changed three wire intervals north.
9579	8	49.24	2	11	56	52.07	30	21	9.0	Tr.	227	2	
	8	49.27	2			52.07			6.7	Mu.	247	3	
	9	49.21	2			52.24			7.0	Mu.	237	34	
	8	49.24	3			52.59			5.8	Mu.	242	5	
	9	47.23	5			52.73			1.7	Mu.	103	112	
9580	8	49.25	1	11	56	54.33	38	25	47.6	Mer.	173	46	
9581	7	51.30	5	11	56	59.67	20	30	53.5	Tr.	261	49	
9582	8	49.29	3	11	56	59.99	24	3	46.6[12]	Mer.	179	76	[12] If micrometer reading be assumed as 36.348 instead of 36.548 rev., as recorded, Decl.= 53″.5.
	9	49.25	3			60.05			59.2	Tr.	229	55	
	10	49.28	3			60.30			54.1	Mu.	249	40	
	9.10	49.28	2			60.31			55.0	Mu.	250	50	
9583	12	46.32	2	11	57	2.42	28	20	54.6	Tr.	16	3	
9584	8	49.25	2	11	57	6.97	38	23	40.0	Mer.	173	47	
9585	9	49.22	3	11	57	9.16	31	58	2.9	Tr.	225	146	
	8	49.24	1			9.18			1.0[13]	Mer.	172	15	[13] Decl. changed one rev. south.
9586	7	46.30	2	11	57	9.39	33	56	35.3	Mu.	10	89	
9587	9	47.27	1	11	57	11.56	27	49	24.1	Mu.	105	105	
	8	48.30	4			11.72			27.8[14]	Mer.	227	23	[14] Decl. changed one rev. north.
	9	48.18	2			11.73[15]			28.0	Mu.	158	22	[15] One thread increased 10 sec. One of three threads rejected; R. A.=$10^{s}.57$.
	8	47.10	1			11.87			28.1	Mer.	85	43	
	7	47.28	1			12.19[16]			....	Mer.	92	50	[16] R. A. decreased one thread interval.
9588	9	49.25	1	11	57	19.04	34	48	42.2	Mu.	244	86	
	10.9	49.20	1			19.34			44.5	Mu.	236	21	
9589	9	51.31	5	11	57	23.19	23	16	49.4	Mer.	239	47	
	10	48.24	2			23.32			50.8	Mer.	121	4	
	9	49.29	2			23.50			53.2	Mu.	251	81	
9590	8	48.25	4	11	57	29.23	27	51	53.2	Mer.	225	35	
	7	47.27	2			29.31			51.8	Mu.	105	106	
	9	48.18	3			29.44[17]			50.3	Mu.	158	23	[17] Two threads increased 10 sec. each.
	7	47.10	3			29.57			50.1	Mer.	85	44	
	7	48.30	2			29.97[18]			52.5	Mer.	227	24	[18] One of three threads rejected; R. A.=$29^{s}.19$.
	7	47.28	1			30.39[19]			....[20]	Mer.	92	51	[19] R. A. decreased one thread interval.
9591	10	49.28	1	11	57	29.42	24	59	1.8	Mer.	177	112	[20] Decl. changed one rev. south.
	9	49.27	2			29.57			3.1	Mer.	176	43	
	9	49.30	1			30.00			5.2[21]	Mu.	252	55	[21] Decl. changed one rev. south.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
9592	7	46.30	3	11	57	30.31[1]	33	22	22.9	Tr.	14	32	[1] R. A. decreased one thread interval.
9593	9.10	48.30	2	11	57	42.36	25	50	46.2	Mu.	163	36	
	9	49.28	2			42.78			42.3	Tr.	235	7	
9594	9	46.28	2	11	57	42.76	39	34	29.6	Mu.	3	47	
	12	46.28	2			43.54			34.6	Tr.	6	20	
	10	49.24	1			43.82			36.6	Tr.	228	1	
9595	11	49.28	1	11	57	45.42	40	1	15.3	Mu.	248	73	
9596	8	49.24	1	11	57	46.04	36	42	60.2	Mu	243	15	
	9	46.29	2			46.51			58.9	Mu.	8	40	
9597	9	49.27	2	11	57	49.17	30	51	1.2	Tr.	232	18	
9598	9	47.30	2	11	57	53.76	29	10	53.0	Mer.	95	73	
9599	10	49.28	1	11	58	1.87	39	58	43.2	Mu.	248	74	
9600	10	49.29	1	11	58	7.61	22	56	45.1	Mu.	251	82	
	..	51.31	3			7.70			47.2	Mer.	239	48	
9601	9	49.28	1	11	58	9.49	25	46	56.2	Tr.	235	8	
9602	9	47.34	3	11	58	12.86	26	27	10.9	Mu.	113	17	
	10	48.24	1			13.16			12.3	Mu.	161	45	
	9	49.28	1			13.29			10.2	Tr.	233	65	
9603	4	49.25	3	11	58	15.00	34	51	29.3	Mu.	244	87	
	6.7	49.20	3			15.10			32.2	Mu.	236	22	
9604	8	46.29	2	11	58	18.36[2]	38	23	2.0	Tr.	7	26	[2] R. A. decreased one thread interval.
	7	49.25	2			18.72			0.8	Mer.	173	48	
9605	11	49.12	3	11	58	20.45	36	15	3.2	Tr.	214	7	
9606	9	49.27	2	11	58	20.52	24	57	14.5	Mer.	176	44	
	9	49.28	3			20.53			13.8	Mer.	177	113	
	8.7	49.30	2			20.57[3]			17.7	Mu.	252	56	[3] Separate threads give 20ˢ.92, 20ˢ.21.
9607	7	46.32	4	11	58	23.77	32	7	3.6	Mu.	11	41	
	9	49.12	4			23.95			5.0	Mu.	225	6	
	7	49.24	3			23.96			5.4	Mer.	172	16	
9608	9	51.30	5	11	58	24.11	20	50	16.6	Tr.	261	50	
9609	10	48.34	3	11	58	26.42	22	45	50.2	Mer.	122	15	
	8	51.31	5			26.47			44.0	Mer.	239	49	
9610	9.10	47.23	3	11	58	27.90	30	11	28.6	Mu.	103	113	
	10	49.24	2			28.56			31.4	Mu.	242	6	
9611	10	47.34	2	11	58	28.05	27	8	20.7[4]	Mer.	99	17	[4] If micrometer reading be assumed as 45.425 instead of 45.125 rev., as recorded, Decl.= 10″.4. A. W. gives 12″.
9612	9.10	49.28	2	11	58	31...[5]	24	1	45.4	Mu.	250	51	
	8	49.29	3			31.61			44.2	Mer.	179	77	
	10	49.30	1			31.76			41.1	Tr.	238	53	[5] Separate threads give 32ˢ.30, 31ˢ.38.
9613	8	52.35	5	11	58	32.60	19	12	16.7	Mer.	247	1	
	8	51.31	5			32.66			17.1	Mu.	276	36	
9614	10	48.24	2	11	58	33.24	23	9	58.0[6]	Mer.	121	5	[6] Decl. changed one rev. north.
9615	8	46.30	2	11	58	33.34	33	38	11.9	Mu.	10	90	
9616	9.10	47.23	2	11	58	38.20	30	10	21.7	Mu.	103	114	
	10	49.24	1			38.65			26.5	Mu.	242	7	
9617	9	49.24	1	11	58	38.64	31	44	59.7	Mer.	172	17	
	9	49.22	1			39.92			56.1	Tr	225	147	
9618	9	48.24	3	11	58	39.50	25	33	48.7	Tr.	162	70	
	9	48.30	2			39.58[7]			49.0	Mu.	163	37	[7] Separate threads give 39ˢ.21, 39ˢ.95.
9619	10	49.21	2	11	58	40.78	30	43	40.7	Mu.	237	35	
	9	49.24	2			40.86			39.9	Tr.	227	3	
	9.10	49.27	2			40.93			41.5	Mu.	247	4	
	7	49.27	2			41.22			40.5	Tr.	232	19	
9620	7	49.27	1	11	58	43.34	24	41	24.2	Mer.	176	45	
	10	49.28	1			43.34			25.1	Mu.	249	41	
	9	49.25	3			43.63			22.0	Tr.	229	56	
	9	49.30	1			43.67			22.2	Mu.	252	57	
	6	49.28	1			43.80[8]			22.9	Mer.	177	114	[8] R. A. decreased one thread interval.
9621	..	51.30	5	11	58	54.31	19	54	5.8[9]	Mer.	238	47	[9] Decl. changed one rev. south.
9622	5	49.24	2	11	58	55.13	37	1	26.3	Mu.	243	16	
9623	10	46.32	3	11	59	11.32	28	17	20.6	Tr.	16	4	
	8	47.28	2			11.46			....	Mer.	92	52	
	9	48.18	1			11.50			24.4	Mu.	158	24	
9624	11	46.30	1	11	59	16.68	33	27	18.3	Tr.	14	33	
9625	10	47.34	1	11	59	18.48	26	42	45.2	Mer.	99	18	
9626	6	49.29	1	11	59	19.97	22	55	57.4	Mu.	251	83	
	8.9	48.34	3			20.36			57.3	Mer.	122	16	
	8	51.31	5			20.40			59.6[10]	Mer.	239	50	[10] Decl. changed three wire intervals nortn.
9627	11	46.28	2	11	59	23.33[11]	39	24	23.7	Tr.	6	21	[11] One of three threads rejected; R. A.=24ˢ.15.
	10	49.24	1			23.47			26.0	Tr.	228	2	
	9	46.28	2			23.88[12]			25.8	Mu.	3	48	[12] Two threads increased one thread interval each. One of three threads rejected; R. A.= 22ˢ.78.
9628	8	51.23	5	11	59	29.75	21	32	5.4	Tr.	255	107	
9629	9	47.30	2	11	59	31.75[13]	29	52	28.0	Mer.	95	74	
	10	49.24	1			31.88			24.9	Mu.	242	8	[13] One of three threads rejected; R. A.=32ˢ.61.
	9	47.29	2			32.11			23.3	Tr.	109	84	
9630	9	48.24	1	11	59	36.91[14]	26	33	17.8	Mu.	161	46	[14] Minute assumed.
	9	48.25	1			37.50			18.2	Mu.	162	61	
	8.9	47.34	3			37.55			19.0	Mu.	113	18	
	9	49.28	2			37.64			18.6	Tr.	233	66	
9631	8.9	49.22	2	11	59	40.16	31	49	31.2	Tr.	225	148	
	7	49.24	2			40.24			31.0	Mer.	172	18	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
9632	10	47.34	1	11	59	46.08	26	42	38.3	Mer.	99	19	
	8	47.34	1			46.39			36.4	Mu.	112	7	
	9	48.25	2			46.59			37.3	Mu.	162	63	
9633	9	46.28	5	11	59	48.76	44	44	43.9	Mer.	3	33	
	7.8	46.29	6			49.27			39.5 [1]	Mer.	5	13	[1] Micrometer reading assumed as 40.60 instead of 40.6 rev., as recorded.
9634	8	49.27	3	11	59	53.42	30	34	15.6	Mu.	247	5	
	7.8	49.24	2			53.63			9.5	Tr.	227	4	
	6.7	49.27	3			53.69 [2]			17.4	Tr.	232	20	[2] R. A. decreased one thread interval.
	7	49.21	2			53.74			15.3	Mu.	237	36	
9635	8.9	48.18	1	11	59	54.44	28	13	35.1	Mu.	158	25	
	10	46.32	3			54.49			36.2	Tr.	16	5	
	8	47.28	3			54.50			....	Mer.	92	53	
9636	7.8	48.24	3	11	59	55.15	23	7	49.8	Mer.	121	6	
	5	49.29	2			55.35			51.5 [3]	Mu.	251	84	[3] Decl. changed twenty rev. south.
9637	10	49.28	1	12	0	1.07	24	22	27.8	Mu.	250	52	
9638	9	49.25	2	12	0	4.26	24	30	19.5	Tr.	229	57	
	10	49.28	1			4.36			19.0	Mu.	250	53	
9639	9	46.30	2	12	0	12.86 [4]	40	39	35.3	Mer.	11	33	[4] Separate threads give $13^{s}.24$, $12^{s}.47$.
9640	9	47.23	1	12	0	17.64	30	18	19.2	Mu.	103	115	
	8	49.24	2			18.25			20.8	Mu.	242	9	
	9	49.27	2			18.27			22.1	Mu.	247	6	
9641	8	49.28	3	12	0	17.98	25	22	3.6	Mer.	177	115	
	8	49.30	1			18.05			2.6	Mu.	252	58	
	8	49.28	2			18.25			5.1	Tr.	235	9	
	7	49.27	2			18.37			5.3	Mer.	176	46	
	9	48.30	3			18.40			2.8	Mu.	163	38	
9642	8	51.23	5	12	0	20.89	21	25	23.4	Tr.	255	108	
9643	8	49.30	2	12	0	22.69	23	40	24.2	Tr.	238	54	
	8	49.29	2			22.98			29.1	Mer.	179	78	
9644	8	49.38	3	12	0	25.22	40	58	23.8	Mer.	181	4	
	10	46.30	4			25.33 [5]			19.5	Mer.	13	23	[5] One of five threads rejected; R. A.$=26^{s}.13$.
9645	10	48.30	3	12	0	28.19	27	51	14.9	Mer.	227	25	
9646	6	46.30	4	12	0	36.61	33	50	23.2	Mu.	10	91	
9647	10	51.23	5	12	0	37.29	21	28	3.5	Tr.	255	109	
9648	9	49.24	1	12	0	39.37 [6]	30	7	34.2	Mu.	242	10	[6] "Time of transit doubtful."
9649	5.6	49.30	3	12	0	41.12	23	53	33.5	Tr.	238	55	
	3	49.29	7			41.14 [7]			31.1	Mer.	179	79	[7] One thread increased 20 sec.
9650	8	49.28	1	12	0	41.21	24	43	9.5	Mer.	177	116	
	7	49.27	1			41.35			8.0	Mer.	176	47	
9651	8	49.25	3	12	0	41.67 [8]	38	52	54.9	Mer.	173	49	[8] R. A. decreased 1 min.
9652	9	51.31	5	12	0	44.61	21	49	9.9	Tr.	262	25	
9653	8	47.34	1	12	0	47.17	27	11	13.9	Mer.	99	20	
	7.8	47.34	1			47.54			13.2	Mu.	112	8	
	7	47.27	2			47.64			11.5	Mu.	105	107	
9654	8	47.28	1	12	0	48.26	28	32	....	Mer.	92	54	
	9	47.27	2			48.38 [9]			14.6	Mer.	91	68	[9] One of three threads rejected; R. A.$=49^{s}.14$.
9655	10	49.28	2	12	0	54.11 [10]	39	56	52.5	Mu.	248	75	[10] One thread increased one thread interval.
9656	9	49.24	2	12	0	54.66	36	54	18.1	Mu.	243	17	
9657	8	47.34	1	12	0	57.75 [11]	27	14	11.2 [12]	Mer.	99	21	[11] Minute assumed.
	8	47.27	1			57.82			11.1	Mu.	105	108	[12] Decl. changed one rev. south.
9658	5.6	49.28	1	12	1	9.69	40	23	45.6	Mu.	248	76	
	4	49.38	1			9.81			....	Mer.	181	5	
	6	46.30	5			9.95 [13]			45.7	Mer.	11	34	[13] One of six threads rejected; R. A.$=11^{s}.69$.
9659	8	52.35	5	12	1	16.92	19	5	51.9	Mer.	247	2	
9660	9	49.24	2	12	1	21.56	32	14	57.9 [14]	Mer.	172	19	[14] Decl. changed one rev. north.
	9.10	49.12	3			21.57			60.5	Mu.	225	7	
9661	10	46.29	2	12	1	28.90 [15]	35	51	29.0	Tr.	11	18	[15] One thread assumed as 15^{s} instead of $1^{s}.5$ to make it accordant with the other thread. If instead it be increased one thread interval, R. A.$=30^{s}.43$. GZ gives $30^{s}.1$.
9662	10	49.25	1	12	1	33.20 [16]	35	4	18.3	Mu.	244	88	
9663	10	49.27	1	12	1	33.78	30	41	48.1	Mu.	247	7	
	9	49.27	1			33.83			45.8	Tr.	232	21	
	10	49.24	2			33.98			46.9	Tr.	227	5	[16] R. A. decreased 10 sec.
9664	9	49.29	1	12	1	37.68	22	32	31.5	Tr.	237	65	
9665	12	46.30	1	12	1	37.96	33	18	45.2	Tr.	14	34	
9666	8	47.34	1	12	1	38.59	27	8	52.7	Mu.	112	9	
9667	10	48.24	2	12	1	38.68	22	57	2.8	Mer.	121	7	
9668	6	51.30	5	12	1	49.27	20	13	0.6	Mer.	238	48	
	9	52.35	5			49.34			....	Tr.	276	18	
9669	8	52.35	5	12	2	2.96	19	2	35.3	Mer.	247	4	
9670	9	49.12	1	12	2	3.82	32	39	7.8	Mu.	225	9	
9671	9.10	49.12	2	12	2	14. .. [17]	32	23	55.6	Mu.	225	8	[17] Separate threads give $15^{s}.04$, $14^{s}.22$.
9672	6	46.30	4	12	2	18.38	33	52	7.3	Mu.	10	92	
9673	8	49.27	2	12	2	20.92	25	6	59.7	Mer.	176	48	
9674	4	51.31	5	12	2	25.01	21	47	8.9	Tr.	262	26	
9675	9	51.30	5	12	2	28.09	20	52	2.9	Tr.	261	51	
9676	8	52.35	5	12	2	28.39	19	20	31.0	Mer.	247	5	
	8	52.35	5			28.57			31.1	Mer.	247	3	
	9	51.31	5			28.58			27.4	Mu.	276	37	
9677	10	46.29	2	12	2	30.81	36	21	29.3	Mu.	8	41	
	11	49.12	3			31.23			31.4	Tr.	214	8	
9678	10	49.27	1	12	2	33.82	30	27	34.1	Mu.	247	8	
	9	49.27	2			33.84			33.8	Tr.	232	22	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
9679	10	49.28	1	12	2	38.49	26	5	50.6	Tr.	233	67	
	8	47.34	3			38.53			55.6	Mu.	113	19	
	10	48.24	1			39.50[1]			56.1	Mu.	161	47	[1] R. A. decreased 1 min.
9680	8	46.30	1	12	2	42.52	33	45	59.7	Mu.	10	93	
9681	9	47.34	3	12	2	44.68	28	47	2.8	Tr.	116	2	
	9	47.27	2			44.73			4.6	Mer.	91	69	
9682	8	49.30	2	12	2	44.94	24	7	26.4	Tr.	238	56	
	9	49.29	4			45.18			26.2	Mer.	179	80	
	8	49.25	4			45.28			27.0	Tr.	229	58	
	8	49.28	5			45.31			25.3	Mu.	249	42	
	8	49.28	2			45.39			25.9	Mu.	250	54	
9683	4	49.24	3	12	2	47.86	37	2	6.2	Mu.	243	18	
9684	9	46.28	2	12	2	59.72	39	43	59.6	Mu.	3	49	
	11	46.28	3			60.52			60.7	Tr.	6	22	
	9	49.24	2			60.64			61.3	Tr.	228	3	
9685	8	47.34	4	12	3	8.22	27	13	57.3	Mer.	99	22	
	6	47.27	2			8.28			52.5	Mu.	105	109	
	7	47.34	2			8.37			52.4	Mu.	112	10	
	7	48.25	5			8.50			52.4	Mu.	162	64	
	6	48.25	5			8.54			54.1	Mer.	225	36	
9686	9	46.34	5	12	3	11.58	29	19	49.9	Mer.	15	1	
9687	7	46.30	6	12	3	14.77	40	7	1.8	Mer.	11	35	
	8	49.28	2			15.00			1.5	Mu.	248	77	
9688	8.9	46.28	5	12	3	16.21	44	35	14.4	Mer.	3	34	
	6	46.29	7			16.41			15.8[2]	Mer.	5	14	[2] Micrometer reading assumed as 46.50 instead of 46.5 rev., as recorded.
9689	7	52.35	5	12	3	16.63	20	4	....	Tr.	276	19	
	..	51.30	5			16.84			3.9[3]	Mer.	238	49	[3] Decl. changed five rev. south. If changed one wire interval south, Decl. = 11″.3. CiZ gives 9″.
9690	7.8	48.24	1	12	3	20.54	22	45	58.2	Mer.	121	8	
	6.7	49.29	3			21.05			55.9	Tr.	237	66	
	8.9	48.34	3			21.36			60.5	Mer.	122	17	
9691	8	49.25	1	12	3	28.69	24	0	42.0	Tr.	229	59	
	9	49.29	1			29.25			37.1	Mer.	179	81	
9692	8	49.24	3	12	3	36.25[4]	31	47	55.7	Mer.	172	20	[4] R. A. decreased 1 min.
9693	9	49.12	2	12	3	44.55[5]	32	47	7.3	Mu.	225	10	[5] R. A. increased one thread interval.
9694	10	49.24	2	12	3	45.14	30	43	18.6	Tr.	227	6	
9695	7.8	47.34	3	12	3	49.18	26	14	11.9	Mu.	113	20	
	8	48.24	1			49.20			12.8	Mu.	161	48	
	8	49.28	2			49.34			10.4	Tr.	233	68	
9696	8	51.23	5	12	3	53.10	21	17	32.2	Tr.	255	110	
9697	8	47.27	1	12	3	54.86	27	40	40.4	Mu.	105	110	
9698	7.8	47.29	1	12	3	57.22	29	46	4.5	Tr.	109	85	
	9	47.23	4			57.40			5.0	Mu.	103	116	
	8	49.24	4			57.41			5.8	Mu.	242	11	
9699	10	49.25	1	12	4	2.23	34	49	13.9	Mu.	244	89	
9700	9	47.27	1	12	4	2.22	28	33	41.9	Mer.	91	70	
	9	47.34	2			2.27			43.2	Tr.	116	3	
	10	46.33	2			2.48			40.0	Tr.	16	6	
	8	47.28	1			2.83			....	Mer.	92	55	
9701	7	52.35	5	12	4	6.82	19	5	40.5	Mer.	247	6	
	5	51.31	5			7.05			38.6	Mu.	276	38	
9702	6	49.27	3	12	4	14.82	25	6	20.9	Mer.	176	49	
	6	49.28	4			14.89			20.9	Mer.	177	117	
	6	49.30	2			14.93			24.2	Mu.	252	59	
9703	8	49.24	1	12	4	26.64	36	44	45.6	Mu.	243	19	
9704	10	49.28	1	12	4	30.19	25	45	0.6	Tr.	235	10	
9705	7	52.35	4	12	4	35.33[6]	19	2	15.7	Mer.	247	7	[6] One of five threads rejected; R. A. = 35ˢ.93.
9706	8	46.30	2	12	4	36.75	33	26	46.1	Mu.	10	94	
	9.10	46.30	2			37.78			46.8	Tr.	14	35	
9707	8.7	49.30	1	12	4	42.88	25	1	40.9	Mu.	252	60	
	9	49.27	2			42.97[7]			40.6	Mer.	176	50	[7] One thread decreased one thread interval.
	9	49.28	1			43.10			39.4	Mer.	177	118	
9708	9	49.12	2	12	4	43.62[8]	32	34	14.0	Mu.	225	11	[8] One thread increased 20 sec.
9709	8	51.31	5	12	4	52.56	19	16	59.9[9]	Mu.	276	39	[9] Decl. changed one rev. south.
9710	9	49.20	1	12	4	52.93	34	15	44.6	Tr.	221	11	
9711	8	49.28	2	12	4	56.59	24	59	14.5	Mer.	177	119	
	8	49.27	2			56.87[10]			13.6	Mer.	176	51	[10] One thread increased 10 sec.
	8	49.30	1			56.91			12.0	Mu.	252	61	
9712	6	49.24	2	12	5	0.88	36	41	31.7	Mu.	243	20	
	9	46.29	2			1.25[11]			36.0	Mu.	8	42	[11] R. A. decreased one thread interval.
9713	9	51.31	5	12	5	3.19	19	13	2.8	Mu.	276	40	
9714	9	49.21	2	12	5	8.17[12]	30	28	14.0	Mu.	237	37	[12] One thread decreased 10 sec.
	8	49.27	3			8.29			13.0	Tr.	232	23	
	8.9	49.27	2			8.50			14.2	Mu.	247	9	
	9	49.24	1			8.52			13.6	Mu.	242	12	
9715	8	49.25	2	12	5	8.28	23	59	34.6	Tr.	229	60	
9716	8	49.29	3	12	5	10.43	23	39	56.0	Mer.	179	82	
	10	49.30	2			10.44			55.8	Tr.	238	57	
9717	10	47.34	2	12	5	14.45	26	40	23.5	Mer.	99	23	
9718	6.7	49.27	1	12	5	18.74	30	41	2.5	Tr.	232	24	
	8.9	49.21	1			18.86[13]			1.6	Mu.	237	38	[13] R. A. decreased 10 sec.
	8	49.24	3			18.92			2.3	Tr.	227	7	
	8	49.27	3			19.18			0.4	Mu.	247	10	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
9719	10	49.25	1	12	5	22.00	35	7	8.0	Mu.	244	90	
9720	9	47.34	1	12	5	24.59	28	44	37.6	Tr.	116	4	
	9	47.27	3			25.75[1]			40.8	Mer.	91	71	[1] Gou gives $24^{s}.7$.
9721	7	52.35	5	12	5	24.90	19	54	....	Tr.	276	20	
9722	10	46.30	3	12	5	25.51[2]	40	58	3.7	Mer.	13	24	[2] One of four threads rejected; R. A.=$26^{s}.53$.
	10	46.29	4			25.62			....	Mer.	6	15	
9723	5	46.30	2	12	5	27.02	33	17	26.8	Tr.	14	36	
9724	9	49.12	2	12	5	28.18	32	29	55.4[3]	Mu.	225	12	[3] Decl. changed eleven rev. north.
9725	9.10	49.12	2	12	5	32.56[4]	32	28	13.8[5]	Mu.	225	13	[4] R. A. increased 1 min.
9726	12	46.28	1	12	5	36.63	39	14	37.5	Tr.	6	23	[5] Decl. changed ten rev. north.
	10	49.24	2			36.82			40.7	Tr.	228	4	
9727	10	48.30	3	12	5	37.98	27	45	19.7	Mer.	227	26	
9728	7	47.34	5	12	5	55.52	26	29	13.1	Mu.	113	21	
	6.7	47.34	3			55.53			11.5	Mu.	112	11	
	8.7	49.28	2			55.54			11.4	Tr.	233	69	
	8	47.34	3			55.63[6]			12.7	Mer.	98	1	[6] Two of five threads rejected; R. A.=$54^{s}.66$,
	8	48.24	1			55.63			14.1	Mu.	161	49	$54^{s}.91$.
9729	9	49.29	1	12	5	59.55	24	6	38.2	Mer.	179	83	
9730	10	49.28	2	12	6	1.23	24	30	55.6	Mu.	249	43	
	10	49.25	2			1.33			53.2	Tr.	229	61	
9731	8	52.35	5	12	6	2.27	19	29	41.6	Mer.	247	8	
9732	10.9	49.28	1	12	6	6.20	40	1	59.3	Mu.	248	78	
9733	10	49.24	1	12	6	7.64	39	44	52.4	Tr.	228	5	
9734	11	49.12	1	12	6	13.12	36	4	42.1	Tr.	214	9	
9735	8	46.34	4	12	6	16.19	31	33	6.5	Mu.	12	35	
	7	47.23	4			16.61			9.7[7]	Mer.	90	117	[7] Decl. changed one wire interval north.
	7	47.34	1			16.76[8]			6.7	Tr.	115	36	[8] R. A. increased one thread interval.
	6	49.24	7			16.76			6.2	Mer.	172	21	
9736	8	46.29	2	12	6	19.14[9]	35	53	38.3[10]	Tr.	11	19	[9] One thread increased one thread interval.
9737	9	46.29	2	12	6	19.82	35	43	17.7	Tr.	11	20	[10] Decl. changed five wire intervals south.
9738	10	49.38	1	12	6	25.28	29	21	7.4	Tr.	241	1	
9739	8	48.30	2	12	6	28.57	27	25	8.8	Mer.	227	27	
	8	47.27	1			28.70			3.6	Mu.	105	111	
9740	9	47.34	2	12	6	28.92	26	30	18.1	Mer.	99	24	
	10	47.34	1			29.13			21.0	Mer.	98	2	
9741	8	46.30	2	12	6	31.83	32	56	39.2	Tr.	14	37	
	9	49.12	2			31.91			41.2	Mu.	225	14	
9742	8	49.30	1	12	6	32.42	25	17	27.4	Mu.	252	62	
	8	49.28	2			32.92			25.6	Mer.	177	120	
	8	49.27	1			33.12			27.9	Mer.	176	52	
	9	48.30	3			33.18			29.0	Mu.	163	39	
9743	10	49.29	1	12	6	32.58	23	12	33.7	Mu.	251	85	
9744	9	49.25	3	12	6	37.74	38	53	33.3	Mer.	173	50	
9745	9	49.29	1	12	6	39.73	24	9	58.1	Mer.	179	84	
9746	9	49.12	..	12	6	43...	32	50	46.7	Mu.	225	15	
9747	9	49.28	1	12	6	44.16	25	56	5.2	Tr.	235	11	
9748	7	51.31	5	12	6	45.33	19	16	20.7	Mu.	276	41	
9749	10	49.38	1	12	6	54.32	29	27	21.4	Tr.	241	2	
9750	9	49.30	1	12	6	54.53	25	23	29.4	Mu.	252	63	
	8	49.28	2			54.84			27.7	Mer.	177	121	
	9	48.30	3			55.08			27.9[11]	Mu.	163	40	[11] Decl. changed one rev. south.
	8	49.27	2			55.43			28.4	Mer.	176	53	
9751	10	49.24	2	12	6	58.15	36	56	26.1	Mu.	243	21	
9752	10	49.27	1	12	6	58.33	30	53	50.1	Mu.	247	11	
9753	6	49.29	2	12	6	59.88	23	56	23.1	Mer.	179	85	
	8	49.30	3			60.17[12]			23.5	Tr.	238	58	[12] R. A. increased 10 sec.
9754	9	49.24	2	12	7	10.95	31	0	19.4	Tr.	227	8	
9755	6.7	49.20	4	12	7	12.32	35	23	11.1	Mu.	236	23	
	8	49.25	3			12.34			8.9	Mu.	244	91	
9756	7	46.30	7	12	7	12.33	40	18	5.8	Mer.	11	36	
	7.8	49.28	2			12.48			7.7	Mu.	248	79	
9757	6	52.34	5	12	7	15.01[13]	20	0	39.5[14]	Mer.	246	1	[13] R. A. increased 1 min.
	5	52.35	5			15.01			....	Tr.	276	21	[14] Decl. changed five rev. south.
9758	9	46.32	7	12	7	20.38	28	24	9.1	Tr.	16	7	
	7.8	48.18	3			20.47			4.0	Mu.	158	26	
	7	47.28	2			20.58[15]			....	Mer.	92	56	[15] One of three threads rejected; R. A.=$19^{s}.65$.
9759	8	49.27	1	12	7	31.29	25	0	61.2	Mer.	176	54	
	8	49.30	1			31.60			63.3	Mu.	252	64	
	7	49.28	1			32.08			59.8	Mer.	177	122	
9760	12	46.28	1	12	7	41.29	39	16	28.3	Tr.	6	24	
	9	49.24	2			41.63			32.9	Tr.	228	6	
9761	10	49.29	1	12	7	41.69	22	57	2.5	Mu.	251	86	
9762	8	47.34	2	12	7	42.51	26	47	43.7	Mu.	112	12	
	9	47.34	2			42.60			42.2	Mer.	99	25	
9763	7.8	46.29	7	12	7	45.11	41	4	....	Mer.	6	16	
	6	49.38	7			45.16			17.2	Mer.	181	3	
	7.8	46.30	7			45.22			15.8	Mer.	13	25	
9764	8	49.27	1	12	7	46.53	30	51	21.4	Mu.	247	12	
	7	49.27	2			46.98			21.6	Tr.	232	25	
	7.8	49.24	2			47.16			18.3	Tr.	227	9	
	8.9	49.21	3			47.20			20.5	Mu.	237	39	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
9765	7	52.34	5	12	7	52.43[1]	19	41	48.3	Mer.	246	2	[1] R. A. increased 1 min.
	7	52.35	5			52.44			47.3	Mer.	247	9	
9766	8.9	48.34	4	12	8	1.08	22	31	7.1	Mer.	122	18	
	8	49.29	4			1.38			3.0	Tr.	237	67	
9767	8	51.23	5	12	8	4.06	21	13	20.0	Tr.	255	111	
9768	10	49.29	1	12	8	5.11	23	0	31.4	Mu.	251	87	
9769	10	49.21	2	12	8	10.72	30	56	9.1	Mu.	237	40	
9770	8	47.20	2	12	8	10.79[2]	30	16	29.9	Mer.	88	49	[2] One of three threads rejected; R. A. = $12^s.39$.
	9.10	49.24	2			11.48[3]			32.4	Mu.	242	14	[3] One of three threads rejected; R. A. = $12^s.33$.
9771	8	47.20	2	12	8	10.81[4]	30	10	12.3	Mer.	88	50	[4] Minute assumed. One of three threads rejected; R. A. = $12^s.38$.
	10	49.24	2			11.30[5]			7.4	Mu.	242	13	
9772	9	51.35	5	12	8	12.06[6]	21	40	5.4	Mu.	277	1	[5] One of three threads rejected; R. A. = $12^s.42$.
	9	51.31	5			12.10			2.2	Tr.	262	27	[6] R. A. increased 13 min. No chronograph tape found for first five stars of Mu. 277.
9773	8	49.24	2	12	8	12.25[7]	31	33	3.4	Mer.	172	22	
9774	10	49.12	2	12	8	13.09	32	23	11.4	Mu.	225	16	[7] One of three threads rejected; R. A. = $11^s.29$.
9775	8	48.30	2	12	8	14.05	25	43	44.0	Mu.	163	41	
	7	49.28	2			14.19			43.8	Tr.	235	12	
9776	7	47.38	2	12	8	16.36	28	47	24.1	Mu.	115	1	
	9	46.34	7			16.39			20.6	Mer.	15	2	
	8	47.34	2			16.51			20.7	Tr.	116	5	
	8	47.27	3			16.88			21.0	Mer.	91	72	
9777	10	49.27	1	12	8	21.44	30	16	18.7[8]	Tr.	232	26	[8] Decl. changed one wire interval and one rev. south.
9778	7	47.34	1	12	8	27.46	26	35	60.3	Mu.	113	23	
	8	47.34	4			27.65			58.8	Mer.	98	3	
	8	49.28	1			27.69			62.2	Tr.	233	71	
9779	8	46.30	3	12	8	29.96	33	24	50.8	Mu.	10	95	
	10	46.30	2			30.25			53.6[9]	Tr.	14	38	[9] Decl. changed two rev. north.
9780	8	47.34	1	12	8	31.56	27	7	3.0	Mu.	112	13	
	..	47.34	1			31.57			0.3	Mer.	99	27	
	8	47.27	1			32.45			2.0	Mu.	105	112	
9781	7	47.34	2	12	8	32.17	26	16	7.2	Mu.	113	22	
	9	49.28	2			32.34			4.1	Tr.	233	70	
	9	48.24	1			32.37			8.6	Mu.	161	50	
9782	9	49.24	1	12	8	50.45	31	36	48.0	Mer.	172	23	
9783	10	49.25	3	12	8	57.75	24	26	8.9	Tr.	229	62	
9784	9.8	49.28	2	12	8	59.19	40	14	3.9	Mu.	248	80	
9785	7	49.28	3	12	9	5.36	25	45	47.4	Tr.	235	13	
	7	48.30	3			5.45			46.2	Mu.	163	42	
9786	8	46.34	2	12	9	6.36	31	30	60.9	Mu.	12	36	
	7.8	47.23	2			7. . .[10]			72.1[11]	Mer.	90	118	[10] Separate threads give $7^s.71$, $5^s.97$. Gou gives $7^s.5$.
	9	47.34	2			7.48			58.3	Tr.	115	37	
	7	49.24	1			7.84			63.3	Mer.	172	24	[11] If micrometer reading be assumed as 46.40 instead of 46.10 rev., as recorded, Decl. = 61″.8.
9787	11	49.24	1	12	9	11.38	37	9	15.6	Mu.	243	22	
9788	9	49.24	1	12	9	13.56	39	4	20.8	Tr.	228	7	
	8	49.25	2			13.57			16.3	Mer.	173	51	
9789	8	49.28	3	12	9	15.43	25	8	30.5	Mer.	177	123	
	8	49.30	1			15.67			30.3	Mu.	252	66	
	8	49.27	2			15.86			32.4	Mer.	176	55	
9790	9	47.34	2	12	9	18.84[12]	26	19	11.0	Mer.	98	4	[12] One of three threads rejected; R. A. = $19^s.61$.
	8	47.34	1			19.43			15.5	Mu.	113	24	
	9	49.28	1			19.95			13.1	Tr.	233	72	
	10	48.24	1			20.99			15.7	Mu.	161	51	
9791	9	49.27	1	12	9	19.63[13]	24	53	57.1	Mer.	176	56	[13] R. A. decreased 1 min.
	8	49.30	1			19.88			60.0[14]	Mu.	252	65	[14] Decl. changed five rev. north.
9792	8	46.30	2	12	9	40.63	33	40	14.6	Mu.	10	96	
9793	7	46.28	4	12	9	43.93	39	10	12.5	Tr.	6	25	
	8	49.24	2			43.98			15.5	Tr.	228	8	
	6	49.25	3			43.98			10.6	Mer.	173	52	
9794	8.9	46.30	7	12	9	47.92	40	18	7.8	Mer.	11	37	
	8	49.28	2			47.99			9.7	Mu.	248	81	
9795	10	51.23	5	12	9	54.31	21	7	11.1	Tr.	255	112	
9796	9.10	46.29	2	12	9	57.39[15]	35	30	2.4	Tr.	11	21	[15] One thread assumed as 58^s instead of $5^s.8$ as recorded.
9797	7	49.24	2	12	9	58.00	30	22	8.9	Tr.	227	10	
	8	49.27	2			58.28			2.2	Tr.	232	27	
	8	47.20	2			58.30			4.6	Mer.	88	51	
	9	49.21	3			58.39			8.3	Mu.	237	41	
	9	49.24	4			58.44			7.2	Mu.	242	15	
9798	6.7	49.25	1	12	9	58.44	35	15	33.8	Mu.	244	92	
	5	49.20	2			58.45			34.0	Mu.	236	24	
9799	7	48.30	7	12	9	59.73	27	26	9.4	Mer.	227	28	
	6	48.25	3			59.81			7.7	Mer.	225	37	
	7	47.27	3			59.83			9.5	Mu.	105	113	
9800	10	49.25	1	12	10	3.71	35	11	13.5	Mu.	244	93	
9801	8	49.20	1	12	10	5.46	34	59	40.3	Mu.	236	25	
9802	9	52.34	5	12	10	6.13[16]	20	1	49.5	Mer.	246	3	[16] R. A. increased 1 min.
9803	9	47.34	1	12	10	7.75	28	47	12.3	Tr.	116	6	
	9.10	46.34	4			7.79			10.3[17]	Mer.	15	3	[17] Decl. changed one rev. north.
	8	47.27	7			7.92			7.2	Mer.	91	73	
9804	8.9	48.24	4	12	10	9.38	23	10	49.3	Mer.	121	9	
	7	49.29	1			9.71			46.4	Mu.	251	88	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
9805	8	52.34	..	12	10	29...	20	0	27.4	Mer.	246	5	
9806	8	46.29	2	12	10	31.47	38	26	13.1	Tr.	7	27	
	7	49.25	1			32.18			16.0	Mer.	173	54	
9807	9	51.31	5	12	10	35.99	22	6	52.6	Tr.	262	28	
9808	7.8	49.24	2	12	10	38.08	30	39	29.4	Tr.	227	11	
	8.9	49.21	2			38.16			32.1	Mu.	237	42	
9809	8	52.34	5	12	10	41.19[1]	19	58	34.5	Mer.	246	4	[1] R. A. increased 1 min.
9810	7	49.25	1	12	10	45.97	38	35	9.0	Mer.	173	53	
	7	46.29	2			46.20			8.3[2]	Tr.	7	28	[2] Decl. changed one wire interval north.
9811	9	49.28	3	12	10	48.24	25	43	56.2	Tr.	235	14	
9812	9	49.29	1	12	10	51.11	23	17	55.1	Mu.	251	89	
9813	10	49.29	2	12	10	52.39	22	10	51.7	Tr.	237	68	
9814	..	47.23	1	12	10	53.32	31	11	20.9	Mer.	90	119	
9815	9	47.34	2	12	10	59.38	29	7	31.6	Tr.	116	7	
	9	46.34	3			59.63			33.8[3]	Mer.	15	4	[3] Decl. changed one rev. north.
	7	47.38	3			59.77			32.1	Mu.	115	2	
	8	47.27	1			59.91			37.1	Mer.	91	74	
	9.10	49.38	3			60.15			32.7	Tr.	241	3	
9816	7	46.28	1	12	11	0.90	39	17	27.5[4]	Tr.	6	26	[4] Decl. changed two wire intervals north.
	8	49.24	2			0.96			33.5	Tr.	228	9	
9817	9	48.30	2	12	11	8...[5]	25	24	4.2[6]	Mu.	163	43	[5] Separate threads give 9ˢ.09, 8ˢ.24. GZ gives 8ˢ.8.
	8	49.28	4			8.70			9.0	Mer.	177	124	
	9	49.30	1			8.74			9.7	Mu.	252	67	[6] Micrometer record uncertain.
	8	49.27	2			8.96[7]			11.6	Mer.	176	57	[7] Minute assumed. One thread increased 10 sec.
9818	9	49.12	2	12	11	10.74	32	27	31.4	Mu.	225	17	
9819	10	49.27	2	12	11	12.80	30	39	54.2	Tr.	232	28	
9820	9	49.24	1	12	11	13.37	39	19	48.9	Tr.	228	10	
9821	10	51.31	5	12	11	15.60	22	3	17.8	Tr.	262	29	
9822	9	49.12	1	12	11	16.15	32	54	42.3	Mu.	225	18	
9823	10	48.24	1	12	11	19.37	22	52	48.5	Mer.	121	10	
9824	10	49.12	1	12	11	32.40	32	57	53.4	Mu.	225	19	
9825	7.8	49.30	2	12	11	38.62	25	16	13.7	Mu.	252	68	
	7	49.28	1			38.86			11.9	Tr.	235	15	
	9	48.30	1			38.96			9.8	Mu.	163	44	
	8	49.28	3			39.22[8]			7.8	Mer.	177	125	[8] R. A. decreased 1 min.
	8	49.27	2			39.38[9]			10.1	Mer.	176	58	[9] Minute assumed. One thread increased 10 sec.
9826	9	49.28	1	12	11	40.84	40	0	21.0	Mu.	248	82	
9827	8	49.25	2	12	11	40.94	34	52	33.7	Mu.	244	94	
	8	49.20	2			41.24			33.0	Mu.	236	26	
9828	6	49.24	3	12	11	43.00[10]	31	45	17.7	Mer.	172	25	[10] One of four threads rejected; R. A.=43ˢ.85.
9829	11	49.25	2	12	11	46.34	24	30	43.1	Tr.	229	63	
9830	9.10	49.24	3	12	11	48.72	30	4	52.0	Mu.	242	16	
	9	47.29	1			48.87			49.5	Tr.	109	86	
	9	47.20	1			48.97			....	Mer.	88	52	
9831	7	49.25	1	12	11	49.09	38	32	37.3	Mer.	173	55	
	7	46.29	2			49.23			35.4	Tr.	7	29	
9832	9	49.29	2	12	11	54.40	22	35	56.7	Tr.	237	69	
9833	9	52.35	5	12	11	59.25[11]	19	31	15.4	Mer.	247	10	[11] Minute assumed.
	9	51.31	5			59.27			17.3	Mu.	276	42	
9834	9	49.28	1	12	12	3.76	25	22	5.6	Tr.	235	16	
9835	8	46.29	7	12	12	5.06	40	31	....	Mer.	6	17	
	6.7	49.38	7			5.12			31.3	Mer.	181	7	
	7	46.30	7			5.23			36.0	Mer.	11	38	
9836	6	47.34	4	12	12	7.95	25	54	11.2	Mu.	113	25	
9837	8	51.23	5	12	12	8.29	21	21	7.1	Tr.	255	113	
9838	10	46.30	5	12	12	9.22	41	6	46.5	Mer.	13	26	
9839	7	47.27	4	12	12	11.85	27	41	25.5	Mu.	105	114	
	6	48.25	5			11.87			27.6	Mer.	225	38	
	6	48.30	7			11.89			26.9	Mer.	227	29	
9840	10	46.32	3	12	12	11.94	28	11	57.5	Tr.	16	8	
	9	48.18	3			12.25			61.0	Mu.	158	27	
9841	5	49.24	3	12	12	15.31	36	57	56.3	Mu.	243	23	
9842	8	49.27	1	12	12	18.15	24	43	52.9	Mer.	176	59	
	9.10	49.28	3			18.22			52.0	Mu.	249	44	
	8	49.28	1			18.37			51.2	Mer.	177	126	
9843	10	51.23	5	12	12	25.15	21	20	26.7	Tr.	255	114	
9844	10	46.29	3	12	12	25.24	35	47	54.5	Tr.	11	22	
9845	9	47.34	1	12	12	41.93	28	26	34.2	Tr.	116	8	
	9	48.18	2			42.37			34.0	Mu.	158	28	
	11	46.32	2			42.48			34.6	Tr.	16	9	
9846	9	49.25	1	12	12	42.75	35	11	48.5	Mu.	244	96	
	9	49.20	1			43.54			45.2	Mu.	236	27	
9847	10	49.30	1	12	12	43.51	23	48	34.7	Tr.	238	59	
9848	9	47.29	1	12	12	43.80	29	36	27.0	Tr.	109	87	
	10	49.38	2			44.88			25.0	Tr.	241	4	
	8	47.30	2			44.99			25.0	Mer.	95	75	
9849	7.8	47.34	3	12	12	47.42	26	58	50.2	Mu.	112	14	
	9	47.34	6			47.70			53.2	Mer.	99	28	
9850	10	51.23	5	12	12	47.82	21	22	56.1[12]	Tr.	255	115	[12] One transit thread rejected; Decl.=47″.8.
9851	8	49.20	1	12	12	52.44[13]	35	22	13.5	Mu.	236	28	[13] R. A. decreased 5 sec.
	7.8	49.25	1			53.04			12.3	Mu.	244	95	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
9852	9	51.31	5	12	12	56.08	19	23	38.7	Mu.	276	43	
	9	52.35	5			56.14[1]			39.4[2]	Mer.	247	11	[1] Minute assumed.
9853	9	49.24	3	12	12	58.74	29	44	39.3	Mu.	242	17	[2] Decl. changed one rev. south.
	9	47.29	2			58.83			36.9	Tr.	109	88	
	8	46.29	7			58.93			42.2	Mer.	8	9	
	9	49.38	1			58.93			43.7	Tr.	241	5	
	8	47.30	1			59.45			38.4	Mer.	95	76	
9854	7	49.25	1	12	13	4.35[3]	38	29	16.9	Mer.	173	56	[3] R. A. decreased one thread interval.
	10	46.29	1			4.40			18.9	Tr.	7	30	
9855	10	49.27	1	12	13	9.92	30	19	19.0	Tr.	232	29	
	8	49.24	2			9.98			22.3	Tr.	227	12	
	..	47.20	2			10.64			....	Mer.	88	53	
9856	8	46.30	3	12	13	12.05	41	43	41.6	Mer.	13	27	
9857	10	48.24	2	12	13	24.15	22	50	14.8	Mer.	121	11	
	9	49.29	3			24.18			12.2	Tr.	237	70	
9858	8	48.30	2	12	13	27.97	25	53	57.0	Mu.	163	45	
	7	47.34	1			28.08			58.1	Mu.	113	26	
	7	49.28	2			28.35			54.7[4]	Tr.	235	17	[4] Decl. changed one wire interval south.
9859	7	47.38	3	12	13	34.18	28	53	27.4	Mu.	115	3	
	8	47.34	1			34.22			26.5	Tr.	116	9	
	8.9	46.34	7			34.28			25.5	Mer.	15	5	
	8	47.27	3			34.74			24.0	Mer.	91	75	
9860	9	46.30	3	12	13	39.28	33	31	5.9	Tr.	14	39	
9861	9	47.29	1	12	13	40.14	29	39	7.2	Tr.	109	89	
	9	49.24	2			40.19			6.9	Mu.	242	18	
	9	49.38	1			40.27			9.4	Tr.	241	6	
	9	47.30	1			40.47			7.6	Mer.	95	77	
9862	9	51.35	5	12	13	41.67[5]	21	36	9.6	Mu.	277	2	[5] R. A. increased 13 min. See note on No. 9772_1.
9863	10	49.29	1	12	13	45.11	23	23	15.9	Mer.	179	86	
	9	49.29	1			45.63			18.3	Mu.	251	90	
9864	7	47.34	2	12	13	50. . .[6]	26	26	25.5	Mu.	113	27	[6] Separate threads give $49^s.89$, $50^s.75$. AW gives $50^s.7$. GZ gives $50^s.6$.
	8	47.34	3			50.60			25.3	Mer.	98	5	
	9	48.24	2			50.64			25.2	Mu.	161	52	
9865	6	51.31	5	12	13	54.10	22	3	23.8	Tr.	262	30	
	8	51.35	5			54.11[7]			22.7	Mu.	277	3	[7] R. A. increased 13 min. See note on No. 9772_1.
9866	10	52.35	5	12	13	57.13[8]	19	31	23.9	Mer.	247	12[9]	
9867	12	46.28	1	12	14	0.81	39	11	31.1	Tr.	6	27	[8] R. A. set uncertain. Reduced for set IV. If reduced for set II, R. A.=14^m $56^s.46$, but separate threads are discordant.
9868	9	49.28	2	12	14	5.33[10]	40	13	22.1	Mu.	248	83	
9869	7	49.25	1	12	14	8.54[11]	38	53	28.5	Mer.	173	57	
9870	9	49.27	2	12	14	12.66	30	25	7.3	Tr.	232	30	[9] Unidentified. Looked for with equatorial but not found in position given nor 1 min. later.
9871	7.8	49.30	2	12	14	12.67	25	4	52.4	Mu.	252	69	
	8	49.28	3			12.78			49.5	Mer.	177	127	[10] R. A. increased 1 min.
9872	8	47.23	5	12	14	14.05[12]	31	6	42.9[13]	Mer.	90	120	[11] R. A. decreased one thread interval.
	10	47.34	1			14.45			26.2	Tr.	115	38	[12] R. A. decreased 1 min.
	7	46.34	4			14.51			28.3	Mu.	12	37	[13] Decl. changed ten rev. north. If micrometer reading be assumed as 43.476 instead of 43.176 rev., as recorded, Decl.=$32''.6$.
9873	10	49.30	3	12	14	16.67[14]	23	51	50.7	Tr.	238	60	
9874	8	49.20	6	12	14	16.77	34	40	45.9	Tr.	221	12	
	7	49.20	2			16.90			42.9[15]	Mu.	236	29	[14] Minute assumed.
9875	7	49.25	1	12	14	20.19	38	41	8.0	Mer.	173	58	[15] Micrometer rev. and wire assumed.
9876	8	49.28	1	12	14	22.03	30	20	38.5	Tr.	232	31	
	8.9	47.20	2			22.28[16]			39.2	Mer.	88	54	[16] Minute assumed.
	9.10	49.24	1			22.53			40.7	Mu.	242	19	
	8	49.24	2			22.59			41.4	Tr.	227	13	
9877	9.10	49.12	2	12	14	22.79	32	29	21.4	Mu.	225	20	
9878	7	49.25	1	12	14	29.61	38	47	42.0	Mer.	173	59	
9879	11	49.25	3	12	14	33.84	24	21	48.7	Tr.	229	64	
	10	49.28	3			33.88			45.9	Mu.	249	45	
9880	9.10	48.24	2	12	14	38.39	23	24	11.4	Mer.	121	12	
	7	49.29	1			38.81			12.7	Mer.	179	87	
	6	49.29	1			38.90			13.9	Mu.	251	91	
9881	9	49.12	3	12	14	46.14	32	43	41.5	Mu.	225	21	
9882	7	46.29	2	12	14	48.36	38	20	24.1[17]	Tr.	7	31	[17] Decl. changed two rev. north.
9883	8	47.34	3	12	14	53.16	26	55	45.8	Mu.	112	15	
	9.10	47.34	3			53.53			46.0	Mer.	99	29	
9884	9	49.29	2	12	14	55.74	22	25	17.5	Tr.	237	71	
9885	9	46.30	1	12	15	0.17	33	9	43.7	Tr.	14	40	
9886	8	49.30	2	12	15	1.81	24	52	8.6	Mu.	252	70	
	7	49.28	3			1.85			10.9	Mer.	177	128	
9887	10	49.38	1	12	15	6.79	29	30	23.3	Tr.	241	7	
	9.10	47.30	1			7.23			21.0	Mer.	95	78	
9888	8	52.35	5	12	15	10.71	20	11	....	Tr.	276	22	
9889	8	49.28	2	12	15	11.98	40	12	43.0	Mu.	248	84	
	7.8	46.30	6			12.06			42.9[18]	Mer.	11	39	[18] Decl. changed one wire interval north.
9890	7	49.29	2	12	15	12.09	24	2	24.9	Mer.	179	88	
	8	49.28	1			12.17			25.9	Mu.	249	46	
	8	49.30	1			12.43			24.1	Tr.	238	61	
9891	10	49.25	2	12	15	18.45	34	59	59.9	Mu.	244	97	
9892	9	49.24	1	12	15	19.60	30	42	27.0	Tr.	227	14	
9893	6.5	49.24	3	12	15	21.12	36	39	27.1	Mu.	243	24	
	8	49.12	3			21.14			29.3	Tr.	214	10	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
9894	9	49.25	3	12	15	25.30	24	26	35.0	Tr.	229	65	
9895	8	46.30	2	12	15	25.48	33	34	30.0	Mu.	10	97	
9896	9.10	46.30	5	12	15	29.54	41	0	51.7	Mer.	13	28	
	8	49.38	5			29.76			53.5	Mer.	181	8	
	9.10	46.29	5			29.83			....	Mer.	6	18	
9897	9	47.34	1	12	15	31.17	26	1	20.1	Mer.	98	6	
	9	47.34	1			31.60			22.6	Mu.	113	28	
9898	6.7	49.30	1	12	15	33.05	24	0	28.7	Tr.	238	62	
	7	49.29	3			33.11			23.8	Mer.	179	89	
	7	49.28	1			33.98			27.8	Mu.	249	47	
9899	8	49.28	2	12	15	33.17[1]	25	38	18.4	Tr.	235	18	[1] One thread decreased 10 sec.
	8	48.30	3			33.64[2]			19.9	Mu.	163	46	[2] One of four threads rejected; R. A. = $32^s.86$.
9900	5	49.25	2	12	15	42.21	38	28	11.0	Mer.	173	60	
	6	46.29	2			42.29[3]			14.5	Tr.	7	32	[3] One of three threads rejected; R. A. = $29^s.22$.
9901	6	49.20	4	12	15	42.97	34	34	45.0	Tr.	221	13	
9902	9	52.35	5	12	15	43.48	19	53	....	Tr.	276	23	
9903	10	49.24	2	12	15	46.09	39	31	40.5	Tr.	228	11	
	11	46.28	3			46.14			39.3	Tr.	6	28	
9904	9	51.31	5	12	15	47.76	21	56	11.9	Tr.	262	31	
	9	51.35	5			47.79[4]			12.1	Mu.	277	4	[4] R. A. increased 13 min. See note ou No. 9772_1.
9905	6	51.31	5	12	15	52.03	19	15	12.8	Mu.	276	44	
	8	52.35	5			52.12[5]			12.1	Mer.	247	13	[5] Minute assumed.
9906	10	49.24	1	12	15	54.55	29	51	22.3	Mu.	242	20	
9907	7	46.29	5	12	15	56.91	29	29	68.4[6]	Mer.	8	10	[6] Decl. changed one rev. north.
	7	49.38	1			56.91			67.7	Tr.	241	8	
	6	47.30	1			56.93			57.5	Mer.	95	79	
	5.6	47.29	2			56.98			71.1	Tr.	109	90	
	6	47.38	7			57.02			67.8	Mu.	115	4	
9908	9.10	46.34	5	12	16	3.52	29	19	43.6	Mer.	15	6	
9909	9.10	49.24	1	12	16	11.02	29	40	19.8	Mu.	242	21	
	9	47.29	1			11.05			21.6	Tr.	109	91	
	10	49.38	1			11.16			19.4	Tr.	241	9	
9910	7.8	49.30	1	12	16	14.87	25	10	54.5	Mu.	252	71	
	8	49.28	3			14.99			52.7	Mer.	177	129	
9911	10	48.24	1	12	16	18.33	23	24	34.9	Mer	121	13	
	8	49.29	1			18.85			42.0	Mu.	251	92	
9912	9	49.20	3	12	16	18.86	34	48	5.4	Mu.	236	30	
	9	49.25	1			18.91			2.6	Mu.	244	98	
9913	7	48.30	6	12	16	20.31	27	43	23.7	Mer.	227	30	
	9	47.27	1			20.37			24.1	Mu.	105	115	
9914	8	51.23	5	12	16	22.93	21	14	9.8	Tr.	255	116	
9915	8	46.34	4	12	16	23.20	31	29	46.4	Mu.	12	38	
	9	47.34	1			23.56			48.8	Tr.	115	39	
9916	9	49.28	2	12	16	27.53	25	45	7.4	Tr.	235	19	
9917	7	49.28	1	12	16	29.51	24	43	23.2	Mer.	177	130	
	7.8	49.30	1			29.67			23.3	Mu.	252	72	
9918	8.9	49.28	1	12	16	33.28	24	22	40.1	Mu.	249	48	
	9	49.25	3			33.31			41.5	Tr.	229	66	
9919	9	49.24	2	12	16	42.17	39	23	55.1	Tr.	228	12	
	8	46.28	2			42.25			57.0	Tr.	6	29	
9920	9	47.20	2	12	16	43.80	30	24	14.4[7]	Mer.	88	55	[7] Decl. changed five rev. south.
	8	49.27	3			44.34			10.5	Tr.	232	32	
9921	10	47.30	1	12	16	46.94	29	24	9.9	Mer.	95	80	
	10	49.38	1			47.07			9.8	Tr.	241	10	
9922	7	49.38	4	12	16	49.02	40	32	61.1	Mer.	181	9	
	7	46.30	5			49.06			59.0	Mer.	11	40	
	7.8	46.29	5			49.13			....	Mer.	6	19	
9923	8	47.28	1	12	16	49.34	28	6	....	Mer.	92	57	
	12	46.32	2			49.51			42.4	Tr.	16	10	
	9	48.18	3			49.57			....	Mu.	158	29	
	9	48.34	4			49.74			45.1	Mu.	164	1	
9924	10	48.34	1	12	16	51.40	22	50	55.1[8]	Mer.	122	19	[8] Decl. changed one wire interval south.
9925	8	51.31	5	12	16	55.06	19	14	22.2	Mu.	276	45	
	8	52.35	5			55.12[9]			22.5	Mer.	247	14	[9] Minute assumed.
9926	9	49.24	2	12	16	56.63	30	40	39.7	Tr.	227	15	
9927	9	49.24	1	12	16	56.87	39	50	29.5	Tr.	228	13	
	8.9	49.28	2			57.33			18.4	Mu.	248	85	
9928	9	52.34	..	12	16	58...	19	57	57.0	Mer.	246	6	
	8	52.35	5			58.51			....	Tr.	276	24	
9929	9	49.29	1	12	17	0.21	23	0	12.1	Mu.	251	93	
9930	8	46.30	3	12	17	5.08	33	30	8.4	Mu.	10	98	
	10	46.30	2			5.36			9.6	Tr.	14	41	
9931	11	49.12	2	12	17	7.72	36	31	19.9	Tr.	214	11	
9932	9.10	48.30	2	12	17	10.80	25	42	28.4	Mu.	163	47	
	9	49.28	2			10.99			28.4	Tr.	235	20	
9933	7.8	46.30	6	12	17	12.71	41	40	53.7	Mer.	13	29	
9934	10	52.35	5	12	17	13.63	20	8	....	Tr.	276	26	
9935	9.10	49.12	3	12	17	19.45	32	15	38.6	Mu.	225	22	
9936	5.6	49.30	1	12	17	25.87	25	9	26.2	Mu.	252	73	
	6	49.28	2			26.46			23.6	Mer.	177	131	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
9937	6	47.34	1	12	17	27.46	26	54	59.8	Mer.	99	30	
	5.6	47.34	3			27.71			61.4	Mu.	112	16	
9938	8	52.35	5	12	17	27.95	20	12	....	Tr.	276	25	
9939	9	49.29	1	12	17	28.02	23	33	38.6	Mu.	251	94	
	8	49.29	2			28.66			35.9	Mer.	179	90	
9940	6.7	49.20	5	12	17	28.29	34	21	18.2	Tr.	221	14	
9941	9	47.20	1	12	17	31.71	30	17	57.6	Mer.	88	56	
	8	49.27	2			31.84			59.5	Tr.	232	33	
	9	49.24	2			32.01			54.3	Mu.	242	22	
9942	8	46.30	1	12	17	32.97	33	26	28.7	Mu.	10	99	
9943	8	47.38	1	12	17	34.05	29	11	38.7	Mu.	115	5	
	8	46.34	5			34.18			39.2	Mer.	15	7	[1] Three threads decreased 10 sec. each.
	9	49.38	2			34.21			37.7	Tr.	241	11	
	9	47.34	1			34.36			42.7	Tr.	116	10	
9944	8	49.28	1	12	17	39.98	24	52	46.3	Mer.	177	132	
9945	9	47.27	3	12	17	47...[2]	28	56	39.0	Mer.	91	76	[2] Separate threads give 46ˢ.45, 47ˢ.02, 47ˢ.56.
9946	9	47.34	2	12	17	47.28	25	58	52.6[3]	Mu.	113	29	[3] If micrometer reading be assumed as 49.537 instead of 49.337 rev., as recorded, Decl.= 39″.8.
	8	47.34	3			47.32[4]			39.7	Mer.	98	7	
	8	48.30	2			47.50[5]			41.3[6]	Mu.	163	48	
9947	6	48.30	4	12	17	48.38	27	35	7.6	Mer.	227	31	[4] R. A. increased one thread interval.
	7	47.27	2			48.61			8.2	Mu.	105	116	[5] R. A. increased 10 sec.
9948	7	51.35	5	12	17	49.77[7]	21	59	12.1	Mu.	277	5	[6] Decl. changed five rev. south.
	7	51.31	5			49.83			10.8	Tr.	262	32	[7] R. A. increased 13 min. See note on No. 9772₁.
9949	10	49.30	1	12	17	52.12	24	6	4.3	Tr.	238	63	
	9	49.25	3			52.38			11.3	Tr.	229	67	
9950	8	49.28	1	12	17	53.80	24	44	21.5	Mer.	177	133	
	10	49.28	1			54.50			22.6	Mu.	249	49	
9951	11	49.20	2	12	17	59.83	35	19	17.7	Mu.	236	31	
	10	49.25	2			60.26			20.4	Mu.	244	99	
9952	9: 10	46.34	3	12	18	0.50	28	50	8.2	Mer.	15	8	
	..	47.27	2			0.50			6.3	Mer.	91	77	
	9	47.34	1			9.52			8.3	Tr.	116	11	
9953	7	49.25	4	12	18	6.60	39	7	8.9	Mer.	173	61	
	9	49.24	1			6.72			17.5	Tr.	228	14	
9954	8	46.34	1	12	18	8.73	30	56	20.2	Mu.	12	40	
	8	49.24	2			9.10			20.5	Tr.	227	16	
9955	11	46.28	2	12	18	16.57	39	39	9.3[8]	Tr.	6	30	[8] Decl. changed two rev. north.
9956	10	49.24	2	12	18	17.58	36	51	33.3	Mu.	243	25	
9957	8	46.34	3	12	18	23.30	31	19	11.4	Mu.	12	39	
	9	47.34	1			23.60			14.4	Tr.	115	40	
9958	12	46.29	3	12	18	29.71[9]	35	48	28.0[10]	Tr.	11	23	[9] R. A. increased 1 min.
9959	7	49.29	1	12	18	30.26	23	26	18.8	Mu.	251	95	[10] Decl. changed one rev. north.
	8	49.29	3			30.28			20.3	Mer.	179	91	
	10	48.24	2			30.29			22.3[11]	Mer.	121	14	[11] Decl. changed one rev. south.
9960	10	49.28	1	12	18	33.57	24	19	11.0	Mu.	249	50	
9961	9	46.30	5	12	18	37.62	40	42	54.8	Mer.	11	41	
9962	8	47.34	3	12	18	47.46	26	21	1.4	Mer.	98	8	
	10	48.24	2			47.62			4.9	Mu.	161	53	
	7	47.34	3			47.69			2.4	Mu.	113	30	
9963	10	49.12	1	12	19	0.90	32	8	56.9	Mu.	225	23	
9964	10	49.29	3	12	19	1.80	23	56	39.6	Mer.	179	92	
	8	49.30	2			2.09			41.1	Tr.	238	64	
9965	9	49.27	1	12	19	3.44	30	23	0.5	Tr.	232	34	
9966	8	46.30	2	12	19	8...[12]	34	8	26.0	Mu.	10	100	[12] Separate threads give 7ˢ.86, 8ˢ.75.
9967	10	49.28	1	12	19	12.95	25	56	53.8	Tr.	235	21	
9968	8	51.23	5	12	19	14.67	21	33	34.2	Tr.	255	117	
9969	8	47.34	4	12	19	15.92	26	52	9.2[13]	Mer.	99	31	[13] Decl. changed one wire interval south.
	7	47.34	2			16.33			11.1	Mu.	112	17	
9970	10	49.24	2	12	19	16.38	29	49	49.1	Mu.	242	23	
9971	10	46.30	3	12	19	19.39	33	17	58.7	Tr.	14	42	
9972	9	52.35	5	12	19	20.27[14]	19	8	54.5	Mer.	247	15	[14] Minute assumed.
9973	8	49.24	2	12	19	21.14	30	29	15.4	Tr.	227	17	
	9	49.27	2			21.36			13.6	Tr.	232	35	
9974	9	51.31	5	12	19	21.79	19	7	57.2	Mu.	276	46	
	8	52.35	5			21.90[15]			57.4	Mer.	247	16	[15] Minute assumed.
9975	10	46.29	2	12	19	25.22	38	31	47.9	Tr.	7	33	
	8	49.25	2			25.31			48.5	Mer.	173	62	
9976	9	51.31	5	12	19	28.76	19	36	15.2	Mu.	276	47	
	8	52.35	5			28.84[16]			12.5	Mer.	247	17	[16] Minute assumed.
9977	6	47.28	1	12	19	34.92	27	53	....	Mer.	92	58	
	8	48.18	5			34.97			5.8	Mu.	158	30	
	8	48.34	3			35.06			5.9	Mu.	164	2	
	7	47.27	3			35.18			7.2	Mu.	105	117	
	6	48.30	6			35.25			5.6	Mer.	227	32	
9978	8	47.38	1	12	19	35.02	28	57	7.6	Mu.	115	7	
	9	47.34	3			35.46			12.2	Tr.	116	12	
	8	47.27	2			35.81			7.9	Mer.	91	78	
9979	8	47.30	2	12	19	36.27	29	15	16.1[17]	Mer.	95	81	[17] Decl. changed one rev. north.
	7	47.38	3			36.57			14.2	Mu.	115	6	
	8	46.34	6			36.61			13.0	Mer.	15	9	
	8	46.29	5			36.61[18]			15.3	Mer.	8	11	[18] R. A. decreased one thread interval. One of six threads rejected; R. A.=38ˢ.14.
	9	49.38	2			36.65			10.6	Tr.	241	12	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
9980	8	52.34	..	12	19	43...	20	23	45.9	Mer.	246	7	
9981	9	46.34	1	12	19	46.10	31	29	54.4	Mu.	12	41	
9982	8	49.29	2	12	19	50.23	23	53	41.5	Mer.	179	93	
	7.8	49.30	2			50.38			46.2	Tr.	238	65	
9983	8	51.23	5	12	19	56.89	21	34	0.5	Tr.	255	118	
9984	10	46.29	4	12	20	1.20	35	52	31.1	Tr.	11	24	
9985	10	49.28	2	12	20	1.28	24	29	45.1	Mu.	249	51	
	9	49.25	3			1.63			44.4	Tr.	229	68	
9986	8	49.28	1	12	20	4.99	24	50	2.3	Mer.	177	134	
	9.8	49.30	2			5.16 [1]			4.5	Mu.	252	74	[1] R. A. increased 1 min.
9987	7	49.25	3	12	20	5.29	38	39	8.5	Mer.	173	63	
	8	46.29	2			5.58			8.2 [2]	Tr.	7	34	[2] Decl. changed two rev. north.
9988	10	48.34	2	12	20	15.32	22	23	54.2	Mer.	122	20	
9989	7	49.24	1	12	20	21.04	37	16	12.9	Mu.	243	26	
9990	10	49.24	2	12	20	38.54	39	8	18.0	Tr.	228	15	
9991	8	49.25	2	12	20	42.35	35	5	59.7	Mu.	244	100	
	10	49.20	2			42.42			61.3	Mu.	236	32	
9992	6	51.31	5	12	20	50.79	22	5	33.7	Tr.	262	33	
9993	8.9	47.34	2	12	20	55.93	26	15	57.6	Mu.	113	31	
	9	47.34	2			55.95			53.6	Mer.	98	9	
9994	6.5	49.24	2	12	20	56.33	37	8	10.7	Mu.	243	27	
9995	..	47.27	1	12	20	56.72 [3]	28	37	26.7 [4]	Mer.	91	79	[3] R. A. increased one thread interval.
	9.10	46.34	2			57.36 [5]			24.4	Mer.	15	10	[4] Decl. changed one wire interval north.
9996	9	49.28	1	12	20	57.26	25	11	49.9	Mer.	177	135	[5] One of three threads rejected; R. A.=$56^{s}.61$.
9997	9	49.24	1	12	21	4.05	39	4	49.2	Tr.	228	16	
9998	6	46.30	2	12	21	12.15	34	0	9.6	Mu.	10	101	
	8	49.20	1			12.26			10.2	Tr.	221	15	
9999	9	49.27	2	12	21	16... [6]	30	42	22.4	Tr.	232	36	[6] Separate threads give $17^{s}.39$, $16^{s}.47$. GZ gives $17^{s}.1$.
	9	49.24	3			16.73			27.8	Tr.	227	18	
10000	9	49.25	1	12	21	18.26	35	9	54.7	Mu.	244	101	
	9	49.20	1			18.77			55.6	Mu.	236	33	
10001	9.10	48.34	1	12	21	19.35	28	29	44.6	Mu.	164	3	
	7	47.28	2			19.38			....	Mer.	92	59	
10002	9	47.29	1	12	21	22.15	29	59	47.4	Tr.	109	92	
	9.10	49.24	2			22.29			45.5	Mu.	242	24	
10003	8	49.25	2	12	21	23.16	38	49	25.8	Mer.	173	64	
	8	46.29	2			23.76			28.1 [7]	Tr.	7	35	[7] Decl. changed two rev. north.
10004	..	47.27	1	12	21	30.77 [8]	28	36	47.6 [9]	Mer.	91	80	[8] R. A. increased one thread interval.
	8	46.34	3			31.15			51.5 [10]	Mer.	15	11	[9] Decl. changed one wire interval north.
	9	47.34	1			31.17			50.9	Tr.	116	13	[10] Decl. changed one wire interval north.
10005	9	49.28	2	12	21	35.37	25	28	27.8	Tr.	235	22	
	8.9	48.30	3			35.47			31.1	Mu.	163	49	
10006	8	49.38	2	12	21	49... [11]	40	34	21.3 [12]	Mer.	181	10	[11] Separate threads give $49^{s}.31$, $48^{s}.46$. Cp 80 gives $48^{s}.7$.
	8	46.30	4			49.10 [13]			33.0 [14]	Mer.	11	42	
10007	10	49.28	1	12	21	49.70	24	28	42.9	Mu.	249	52	[12] Decl. changed one rev. north.
	9	49.25	2			49.94			47.5	Tr.	229	69	[13] One of five threads rejected; R. A.=$48^{s}.38$.
10008	8	47.20	3	12	21	49.87 [15]	30	19	9.7	Mer.	88	57	[14] If micrometer reading be assumed as 47.52 instead of 47.12 rev., as recorded, Decl.= 19″.1.
	8	49.27	2			50.41			11.3	Tr.	232	37	
	9	49.24	2			50.45			10.7	Tr.	227	19	
	9	49.24	1			50.63			7.2	Mu.	242	25	[15] One of four threads rejected; R. A.=$50^{s}.66$.
10009	9	48.30	3	12	21	53.23	27	56	50.0	Mer.	227	33	
10010	8	47.34	1	12	21	55.06	28	28	55.5	Tr.	116	14	
	11	46.32	4			55.24			52.5	Tr.	16	11	
	8.9	48.34	2			55.68 [16]			52.5	Mu.	164	4	[16] R. A. decreased 1 min. One of three threads rejected; R. A.=$54^{s}.83$.
	7	47.28	2			55.69			....	Mer.	92	60	
	..	47.27	1			55.76 [17]			....	Mer.	91	81	[17] R. A. increased two thread intervals.
10011	10	49.25	2	12	21	56... [18]	34	59	59.4	Mu.	244	102	[18] Separate threads give $55^{s}.74$, $56^{s}.67$.
	10	49.20	2			56.21			60.5	Mu.	236	34	
10012	6	49.38	3	12	21	56.82	40	54	18.0	Mer.	181	11	
	8.9	46.29	7			57.04			....	Mer.	6	20	
10013	9	48.30	3	12	22	3.14	25	35	11.6	Mu.	163	50	
	9	49.28	2			3.23 [19]			2.3	Tr	235	23	[19] Minute assumed.
10014	8	46.30	1	12	22	7.24	33	40	10.4	Mu.	10	103	
10015	7	46.30	2	12	22	8.42	33	58	12.5	Mu.	10	102	
10016	8	47.27	4	12	22	8.48	31	13	46.5	Mu.	108	1	
	7	46.34	3			8.81 [20]			44.7	Mu.	12	42	[20] Minute assumed.
	9	47.34	1			8.87			43.5	Tr.	115	41	
10017	10	49.28	1	12	22	10.07	24	25	31.4	Mu.	249	53	
	10	49.25	1			10.19			33.8	Tr.	229	70	
10018	8	47.30	2	12	22	10.14	29	42	14.3	Mer.	95	82	
	10	49.38	1			10.71			10.4	Tr.	241	13	
10019	9	49.12	4	12	22	10.62	32	29	51.7	Mu.	225	24	
10020	10	46.30	6	12	22	10.74 [21]	41	5	41.0	Mer.	13	30	[21] One of seven threads rejected; R. A.=$10^{s}.02$.
10021	9.10	49.24	1	12	22	16.14	29	43	20.7	Mu.	242	26	
	8	47.30	2			16.64			21.3	Mer.	95	83	
	7.8	47.29	2			16.91			21.6	Tr.	109	93	
	9	49.38	1			16.92			23.9	Tr.	241	14	
10022	7.8	48.34	3	12	22	27.42 [22]	22	51	57.3	Mer.	122	21	[22] One of four threads rejected; R. A.=$26^{s}.62$.
	6	49.29	3			27.47			60.8	Mu.	251	96	
	8.9	48.24	3			26.77 [23]			60.9 [24]	Mer.	121	15	[23] One thread decreased one thread interval.
10023	9	49.24	2	12	22	28.28	39	26	22.2	Tr.	228	17	[24] Decl. changed one rev. south.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
10024	..	46.28	2	12	22	30.68	39	16	....	Tr.	6	31	
10025	7.8	47.34	2	12	22	30.96	26	15	23.2	Mu.	113	32	
	9	48.24	2			30.96			23.2	Mu.	161	54	
	9	47.34	3			31.07			21.9	Mer.	98	10	
10026	9	52.34	5	12	22	53.49	19	40	54.3	Mer.	246	8	
10027	8	49.24	1	12	23	0.19	29	50	49.3	Mu.	242	27	
	7	47.20	3			0.51[1]			49.9	Mer.	88	58	[1] R. A. decreased one thread interval.
	5.6	47.29	2			0.77			52.6	Tr.	109	94	
	8	46.29	5			0.82			51.0	Mer.	8	12	
	6.7	47.30	2			0.95			51.4	Mer.	95	84	
10028	11	49.12	1	12	23	6.79	35	57	10.3	Tr.	214	12	
10029	9	49.27	2	12	23	13.36	30	48	23.1	Tr.	232	38	
	8	49.24	2			13.47			28.1	Tr.	227	20	
10030	8	52.35	5	12	23	14.29	19	29	3.6	Mer.	247	18	
	9	51.31	5			14.37			5.5	Mu.	276	48	
10031	7	49.38	1	12	23	17.49	40	40	28.4	Mer.	181	12	
	7.8	46.30	7			17.59			33.6	Mer.	11	43	
10032	8	47.34	3	12	23	20.88	27	0	51.3	Mu.	112	18	
	8	47.34	3			21.04			51.3	Mer.	99	32	
10033	9	49.24	2	12	23	28.82	39	26	45.1[2]	Tr.	228	18	[2] Decl. changed two rev. north.
	9	46.28	2			28.98			42.0	Tr.	6	32	
10034	9	49.12	5	12	23	38.73	32	50	25.1	Mu.	225	25	
10035	10	49.24	1	12	23	41.65	37	5	3.7	Mu.	243	28	
10036	8	49.24	2	12	23	42.48	30	9	9.2	Mu.	242	28	
	6.7	47.20	2			42.49			2.8	Mer.	88	59	
10037	9	47.27	1	12	23	43.16	27	40	60.4	Mu.	105	118	
	9	48.30	4			43.55[3]			59.8	Mer.	227	34	[3] One of five threads rejected; R. A.=$42^{s}.83$.
10038	11	49.12	1	12	23	50.19	36	29	5.9	Tr.	214	13	
10039	9	47.34	1	12	23	53.30	31	5	16.7	Tr.	115	42	
	7	46.34	3			53.47			4.0	Mu.	12	43	
10040	7	49.28	2	12	23	57.03	40	13	30.0	Mu.	248	86	
10041	11	49.25	1	12	23	59.49	34	49	12.7	Mu.	244	103	
10042	8	49.24	3	12	24	0.14	31	50	35.2	Mer.	172	26	
10043	7	52.34	5	12	24	3.67	20	9	18.1	Mer.	246	9	
10044	5	47.34	1	12	24	7.90[4]	31	42	18.7	Tr.	115	43	[4] "Fraction of seconds doubtful."
	8	47.27	4			8.50			15.6	Mu.	108	2	
	6	49.24	2			8.59			12.8	Mer.	172	27	
	5	46.34	2			8.62			15.6	Mu.	12	44	
10045	10	49.24	1	12	24	8.15	30	5	52.3	Mu.	242	29	
10046	8	47.34	3	12	24	16.04	26	44	17.1	Mer.	98	11	
	6	47.34	2			16.46			16.3	Mu.	112	19	
	5.6	47.34	3			16.47			17.1	Mu.	113	33	
10047	10	49.29	2	12	24	21.23	23	30	39.8	Mer.	179	94	
	10	49.30	1			21.24			44.4	Tr	238	66	
10048	9	47.34	2	12	24	27.83	27	16	33.5	Mer.	99	33	
	7	48.30	3			27.95			29.6	Mer.	227	35	
10049	10	49.28	2	12	24	28. ..[5]	24	48	28.6	Mu.	249	54	[5] Separate threads give $29^{s}.03$, $28^{s}.08$. GZ gives $28^{s}.2$.
	8	49.28	2			28.06			25.6	Mer.	177	136	
	..	49.30	1			28.96			25.1	Mu.	252	75	
10050	8	51.23	5	12	24	34.14	21	20	30.0	Tr.	255	119	
10051	9.10	49.12	2	12	24	35.96	32	21	30.8	Mu.	225	26	
10052	7.8	46.29	5	12	24	37.58	44	37	36.0	Mer.	5	15	
10053	9	49.27	2	12	24	37.86	30	27	40.1	Tr.	232	39	
10054	8	47.34	1	12	24	38.66	31	38	0.8	Tr.	115	44	
	8	47.27	3			38.77			6.6	Mu.	108	3	
	6	49.24	1			38.92			5.3	Mer.	172	28	
	8	46.34	1			38.97			7.1	Mu.	12	45	
10055	6	52.34	5	12	24	43.81	20	22	54.2	Mer.	246	10	
10056	8	49.29	1	12	24	45.11[6]	23	22	17.9	Mer.	179	95	[6] R. A. increased 5 sec.
	7	49.29	2			45.21			18.4	Mu.	251	97	
	9	48.24	3			45.31			18.0[7]	Mer.	121	16	[7] Decl. changed ten rev. north.
10057	9	49.28	2	12	24	45.89	25	37	48.4	Tr.	235	24	
10058	6	49.24	2	12	24	46.39	37	14	50.1	Mu.	243	29	
10059	10	49.22	2	12	24	50. ..[8]	34	39	15.8	Mu.	239	1	[8] Separate threads give $51^{s}.13$, $49^{s}.30$. GZ gives $49^{s}.7$.
10060	7	47.27	1	12	24	54.78[9]	29	12	62.0	Mer.	91	82	
	8	47.34	3			54.92			65.1	Tr.	116	15	[9] R. A. increased one thread interval.
	6.7	46.29	5			54.95[10]			56.3	Mer.	8	13	[10] One of six threads rejected; R. A.=$55^{s}.67$.
	6	47.38	6			55.01			55.6	Mu.	115	8	
	7	46.34	7			55.11			57.8	Mer.	15	12	
	7	49.38	2			55.22			56.9	Tr.	241	15	
	7	47.30	3			55.28			58.8	Mer.	95	85	
10061	10	49.12	1	12	24	57.33	32	20	49.8	Mu.	225	27	
10062	9.10	46.34	2	12	25	2.27	28	51	17.7	Mer.	15	13	
10063	8	52.35	5	12	25	2.73	19	1	49.6	Mer.	247	19	
10064	9	49.24	2	12	25	7.92	30	48	57.3	Tr.	227	21	
10065	8	47.28	4	12	25	12.95	28	11	....	Mer.	92	61	
10066	7	51.31	5	12	25	16.15	21	52	6.7	Tr.	262	34	
10067	7	46.30	3	12	25	23.56[11]	33	50	3.0	Mu.	10	104	[11] One of four threads rejected; R. A.=$21^{s}.74$.
10068	7	52.35	5	12	25	25.44	20	15	....	Tr.	276	27	
10069	9	49.25	4	12	25	25.86	24	26	15.8	Tr.	229	71	
	9	49.28	3			26.14			17.1[12]	Mu.	249	55	[12] Decl. changed one rev. south.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
10070	6	46.30	7	12	25	26.05	40	35	8.3	Mer.	11	44	
	7	49.38	5			26.11			7.2	Mer.	181	13	
10071	6.7	48.30	2	12	25	30.52[1]	27	37	12.7	Mer.	227	36	[1] One of three threads rejected; R. A. = $31^{s}.24$.
	8	47.27	1			30.79			11.2	Mu.	105	119	
10072	8	47.27	2	12	25	32.23	31	37	33.0	Mu.	108	4	
	8	49.24	1			32.43			28.6	Mer.	172	29	
10073	11	49.20	1	12	25	37.14	35	14	27.7	Mu.	236	35	
10074	9	46.30	3	12	25	37.55	41	7	20.8[2]	Mer.	13	31	[2] Decl. changed one rev. south.
10075	11	46.29	3	12	25	38.04	35	33	3.8	Tr.	11	25	
10076	9	49.27	1	12	25	42.40	30	51	30.7	Tr.	232	40	
10077	10	46.30	3	12	25	44.51	41	26	26.6	Mer.	13	32	
10078	9	49.12	1	12	25	45.79	32	26	30.5	Mu.	225	28	
10079	8	52.35	5	12	25	46.05	19	40	40.9	Mer.	247	20	
	8	51.31	5			46.15			41.9	Mu.	276	49	
10080	8	47.28	1	12	25	51.60	28	22	....	Mer.	92	62	
10081	6.7	48.30	3	12	25	54.41	27	46	59.9	Mer.	227	37	
	7.8	47.27	1			54.43			57.4	Mu.	105	120	
10082	8.9	47.34	1	12	25	55.09	27	10	34.1	Mu.	112	20	
10083	9	48.34	1	12	25	55.59	22	41	0.6	Mer.	122	22	
10084	7	49.24	2	12	26	7.77	31	39	27.0	Mer.	172	30	
	8	47.34	1			7.82			30.7	Tr.	115	45	
	8	47.27	2			8.21			35.4[3]	Mu.	108	5	[3] Decl. changed one rev. north.
10085	8	46.30	1	12	26	10.12[4]	33	54	25.4	Mu.	10	105	[4] R. A. decreased 30 sec.
10086	9	49.28	2	12	26	11.37	40	0	0.1	Mu.	248	87	
10087	9	49.28	2	12	26	14.04	25	36	7.9	Tr.	235	25	
10088	7	46.34	2	12	26	15.41	31	15	54.1	Mu.	12	46	
	8	47.27	1			15.42			52.7	Mu.	108	6	
10089	7	47.34	2	12	26	19.24	26	21	13.0	Mu.	113	34	
	8	47.34	3			19.33			9.3	Mer.	98	12	
	9	48.24	1			19.54			11.9	Mu.	161	55	
10090	..	49.29	2	12	26	22.64	23	27	31.8	Mer.	179	96	
	8	49.29	1			22.76			30.0	Mu.	251	98	
	8	49.30	3			22.76			34.2	Tr.	238	67	
10091	2	48.34	2	12	26	30.83[5]	22	33	56.9	Mer.	122	23	[5] R. A. decreased 1 min.
10092	8	47.34	2	12	26	34.95	26	12	41.4	Mu.	113	35	
	9	47.34	3			35.22			37.1	Mer.	98	13	
	9	48.24	1			35.30			41.2	Mu.	161	56	
10093	10	49.30	2	12	26	40.73	24	52	5.0	Mu.	252	76	
10094	9	49.29	1	12	26	41.32	23	18	36.3	Mu.	251	99	
10095	8	46.34	2	12	26	47.70	31	2	20.6	Mu.	12	47	
10096	10	49.28	1	12	26	48.04	40	24	32.7	Mu.	248	88	
10097	11	46.29	3	12	26	50.29	35	41	5.7	Tr.	11	26	
10098	10	46.30	3	12	26	53.95	33	2	8.6	Tr.	14	43	
10099	9	49.24	2	12	26	56.19	30	35	14.4	Tr.	227	22	
	9	49.27	2			56.32			19.2	Tr.	232	41	
10100	7	47.34	1	12	27	6.86	25	53	3.6	Mu.	113	36	
	9	49.28	2			6.93[6]			3.5	Tr.	235	26	[6] R. A. increased 10 sec.
	8	48.30	3			7.07			3.8	Mu.	163	51	
10101	9	47.28	1	12	27	8.95	27	57	....	Mer.	92	63	
10102	8	47.30	1	12	27	31.60	29	28	55.6	Mer.	95	86	
	10	49.38	2			31.81			52.3	Tr.	241	16	
10103	9	49.20	1	12	27	36.61	34	3	2.7	Tr.	221	16	
	8	46.30	2			36.62			6.1[7]	Mu.	10	106	[7] Decl. changed one rev. south.
10104	10	49.25	2	12	27	37.34	34	59	48.9	Mu.	244	104	
	9.10	49.20	2			37.48			46.5	Mu.	236	36	
10105	8.9	46.34	7	12	27	38.42[8]	29	15	25.1	Mer.	15	14	[8] Two threads increased 10 sec. each.
	8	47.38	4			38.47			23.8	Mu.	115	9	
	9	49.38	2			38.49			24.1	Tr.	241	17	
	8	47.30	1			38.71			40.0[9]	Mer.	95	87	[9] If micrometer reading be assumed as 31.448 instead of 31.148 rev., as recorded, Decl. = 29″.8.
10106	7	48.30	2	12	27	40.90	27	48	54.3	Mer.	227	38	
	9	47.27	1			41.06			54.8	Mu.	105	121	
10107	3	49.28	2	12	27	42.18	40	11	39.4	Mu.	248	89	
	5	46.30	7			42.35			42.9	Mer.	11	45	
10108	11	49.12	1	12	27	52.55	36	30	31.0	Tr.	214	14	
10109	7	49.24	2	12	27	57.86	39	2	31.9	Tr.	228	19	
	5	49.25	7			58.09			24.9	Mer.	173	65	
10110	10	49.12	2	12	27	58.61	32	19	59.6	Mu.	225	29	
10111	9	49.24	1	12	28	0.81	32	17	6.8	Mer.	172	31	
	9.10	49.12	3			1.29			2.5	Mu.	225	30	
10112	8	52.35	5	12	28	0.82	19	38	16.4	Mer.	247	21	
	8	51.31	5			1.03			16.0	Mu.	276	51	
10113	9	46.30	6	12	28	0.85	41	29	2.2	Mer.	13	33	
10114	9	49.29	1	12	28	2.20	23	0	30.9	Mu.	251	100	
10115	10	49.25	3	12	28	6.12	34	59	49.1	Mu.	244	105	
	11	49.20	2			6.25			49.1	Mu.	236	37	
10116	10	49.24	1	12	28	6.78	36	56	45.8	Mu.	243	30	
10117	5	52.34	5	12	28	7.32	19	41	55.0	Mer.	246	11	
	6	52.35	5			7.40			51.3	Mer.	247	22	
	4	51.31	5			7.58			53.0	Mu.	276	50	
10118	7	46.30	2	12	28	9.34	32	55	10.4[10]	Tr.	14	44	[10] Decl. changed one rev. south.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
10119	9	47.27	3	12	28	10.06	31	8	16.0	Mu.	108	7	
10120	9	49.28	4	12	28	10.99	25	9	49.6	Mer.	177	137	
	9	49.30	2			11.74			49.6	Mu.	252	77	
10121	8	49.24	3	12	28	12.89	32	6	23.6	Mer.	172	32	
10122	10	47.34	1	12	28	19.04	28	45	44.4	Tr.	116	16	
	..	47.27	2			19.10[1]			42.2	Mer.	91	84	[1] Minute assumed.
	9.10	46.34	2			19.28			48.2	Mer.	15	15	
10123	..	47.27	3	12	28	19.36[2]	28	49	19.7	Mer.	91	83	[2] R. A. decreased 1 min. Two of five threads rejected; R. A. = $18^{\mathrm{s}}.38$, $20^{\mathrm{s}}.73$.
10124	9	47.34	4	12	28	21.38	26	36	4.0	Mer.	98	14	
	8	47.34	1			21.62			3.2	Mu.	112	21	
	..	47.34	4			21.74			0.5	Mer.	99	34	
10125	9	51.31	5	12	28	24.73	22	8	33.7	Tr.	262	35	
10126	6	49.25	1	12	28	34.19	38	29	....	Mer.	173	66	
	6	46.29	3			34.54			56.2[3]	Tr.	7	36	[3] Decl. changed two rev. north.
10127	8	47.34	1	12	28	36.51	25	56	3.2	Mu.	113	37	
	9	49.28	2			36.84			1.3	Tr.	235	27	
10128	9	49.25	3	12	28	43.88	24	29	11.4	Tr.	229	72	
10129	11	49.30	2	12	28	44.92	23	55	6.8	Tr.	238	68	
10130	8	52.34	5	12	28	48.95	20	28	46.2	Mer.	246	12	
10131	8	49.22	2	12	28	51.28	34	36	11.5	Mu.	239	2	
10132	7	46.34	3	12	28	54.37	31	20	53.4	Mu.	12	48	
	8.9	47.27	3			54.51			54.4	Mu.	108	8	
	9	47.34	1			55.01			54.9	Tr.	115	46	
10133	8	52.35	5	12	29	1.70	20	6	....	Tr.	276	28	
10134	7.6	49.29	1	12	29	2.03	23	19	20.0	Mu.	251	101	
	10	48.24	1			2.32			19.8	Mer.	121	17	
10135	10	49.28	2	12	29	10.83	24	23	32.2	Mu.	249	56	
	9	49.25	2			10.86			33.2	Tr.	229	73	
10136	8	49.28	2	12	29	12.93	39	59	7.8	Mu.	248	90	
10137	8	46.30	1	12	29	13.34	34	16	31.0[4]	Mu.	10	107	[4] Micrometer reading assumed as 5.075 instead of 5.75 rev., as recorded.
	9	49.22	1			14.09			29.6	Mu.	239	3	
10138	9	49.28	1	12	29	17.98	24	3	60.8	Mu.	249	57	
	8	49.30	1			18.03			59.4	Tr.	238	69	
	8	49.29	4			18.29			58.1	Mer.	179	97	
10139	8	49.28	4	12	29	19.03	25	11	28.9	Mer.	177	138	
	9	49.30	2			19.34			28.8	Mu.	252	78	
10140	9	52.35	5	12	29	21.40	19	15	20.3	Mer.	247	23	
	9	51.31	5			21.42			6.8	Mu.	276	52	
10141	10	48.34	1	12	29	26.49	22	50	42.9	Mer.	122	24	
10142	8	49.24	2	12	29	26.71	30	42	41.6	Tr.	227	23	
	9	49.27	2			26.97			36.5	Tr.	232	42	
10143	7.8	48.30	4	12	29	35.45	27	35	21.9	Mer.	227	39	
	7	47.27	3			35.46			23.1	Mu.	105	122	
	9	49.28	1			35.68			22.4	Tr.	234	1	
10144	10	49.24	1	12	29	35.98	29	44	33.7	Mu.	242	30	
10145	9	52.35	5	12	29	37.25	20	14	....	Tr.	276	29	
10146	9	49.30	1	12	29	41.36	24	47	45.8	Mu.	252	79	
10147	6	47.34	4	12	29	45.37	26	18	31.2	Mer.	98	15	
	4.5	47.34	3			45.50			30.9	Mu.	113	38	
	5	48.24	1			46.09			37.9	Mu.	161	57	
10148	8	49.28	2	12	29	47.08	24	42	10.5	Mer.	177	139	
10149	9	49.24	2	12	29	52.32	31	37	28.5	Mer.	172	33	
	9	47.27	2			52.84			29.1	Mu.	108	9	
10150	9	49.24	2	12	30	2.00	37	23	14.2	Mu.	243	31	
10151	11	49.25	1	12	30	18.42	34	56	57.4	Mu.	244	106	
10152	9	49.24	2	12	30	18.76	31	40	18.1	Mer.	172	34	
10153	9	47.29	1	12	30	19.33	29	55	54.4	Tr.	109	95	
	9	49.24	3			19.55			52.6	Mu.	242	31	
	9	47.20	1			19.85			48.6[5]	Mer.	88	60	[5] Decl. changed one rev. south.
10154	..	47.28	1	12	30	31.50	28	28	....	Mer.	92	64	
10155	9	52.35	5	12	30	35.78	19	13	40.7	Mer.	247	24	
10156	6	49.25	2	12	30	36. ..[6]	38	33	59.7[7]	Mer.	173	67	[6] Separate threads give $36^{\mathrm{s}}.00$, $36^{\mathrm{s}}.92$. Gou gives $36^{\mathrm{s}}.5$.
	7	46.29	3			36.67			58.6[8]	Tr.	7	37	
10157	9	46.29	4	12	30	38.62[9]	35	54	16.3	Tr.	11	27	[7] Decl. changed one wire interval south.
10158	7	49.22	2	12	30	38.79	34	20	19.9	Mu.	239	4	[8] Decl. changed two rev. north.
	8.7	49.20	1			38.92			23.8	Tr.	221	17	[9] One thread increased 10 sec.
10159	..	49.30	1	12	30	39.87	24	39	27.0[10]	Mu.	252	80	[10] Micrometer rev. assumed.
	10	49.28	2			40.17			39.8	Mu.	249	58	
	6	49.28	1			40.33			27.7[11]	Mer.	177	140	[11] Decl. changed one rev. north.
	8	49.25	3			40.31			26.4	Tr.	229	74	
10160	8	46.30	7	12	30	41.24	41	37	23.3	Mer.	13	34	
10161	11	49.38	1	12	30	46.02	29	17	9.0	Tr.	241	18	
10162	9	46.28	2	12	30	47.24	39	25	50.1	Tr.	6	33	
	9	49.24	2			47.36			48.2	Tr.	228	20	
10163	8	49.25	1	12	30	49.49	38	49	55.4	Mer.	173	68	
10164	9	46.29	1	12	30	52.00	38	40	47.8	Tr.	7	38	
10165	9	48.30	2	12	30	53.21[12]	25	41	27.1	Mu.	163	52	[12] One of three threads rejected; R. A. = $54^{\mathrm{s}}.03$.
	8	49.28	2			53.58			27.7	Tr.	235	28	
10166	10	46.30	1	12	30	54.17	33	19	31.2	Tr.	14	45	
10167	9	49.24	2	12	31	4.53	39	32	39.8	Tr.	228	21	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
10168	4	47.29	1	12	31	5.31	29	35	49.1	Tr.	109	96	
	5.6	49.38	3			5.41			48.5	Tr.	241	19	
	4.5	47.38	7			5.49			46.3	Mu.	115	10	
	3	46.29	7			5.51			46.1	Mer.	8	14	
	6	47.30	1			5.55[1]			39.3	Mer.	95	88	[1] R. A. increased 1 min.
10169	8	51.35	5	12	31	7.73	21	47	26.8	Mu.	277	6	
10170	..	46.28	2	12	31	8.25	39	..	....	Tr.	6	34[2]	[2] Unidentified. Looked for with equatorial but not found. May be identical with No. 10167.
10171	8	49.24	1	12	31	16.16	31	53	50.1	Mer.	172	35	
10172	9	47.34	1	12	31	17.18	26	6	18.5	Mu.	113	39	
10173	..	47.27	1	12	31	26.42[3]	28	42	39.0	Mer.	91	85	[3] R. A. increased 1 min.
	7	47.34	4			26.43			36.1	Tr.	116	17	
	7.8	46.34	3			26.48			41.3	Mer.	15	16	
10174	9	49.29	1	12	31	34.77	23	12	16.8	Mu.	251	102	
10175	11	49.12	2	12	31	37.77	36	26	56.6	Tr.	214	15	
10176	7	49.29	1	12	31	41.15	22	59	4.1	Mu.	251	103	
10177	3	49.25	1	12	31	46.82	39	9	39.8[4]	Mer	173	69	[4] Decl. changed one wire interval south.
10178	8	47.34	1	12	31	49.95	28	49	42.3[5]	Tr.	116	18	[5] If micrometer reading be assumed as 9.53 instead of 9.33 rev., as recorded, Decl. = $52''.4$.
	..	47.27	2			50.07[6]			51.4	Mer.	91	86	
	7.8	46.34	3			50.19			48.9	Mer.	15	17	
10179	9	47.34	1	12	31	50.46	26	5	16.0	Mu.	113	40	[6] R. A. increased 1 min.
10180	9	49.28	2	12	31	53.94	39	55	52.2	Mu.	248	91	
10181	9	48.34	2	12	32	0.46	22	43	52.5	Mer.	122	25	
10182	9	49.24	2	12	32	0.77	39	21	59.6	Tr	228	22	
	9	46.28	1			0.82			61.8	Tr.	6	35	
10183	7	52.35	5	12	32	1.04	20	8	....	Tr.	276	30	
	8	52.34	5			1.15			39.1	Mer.	246	13	
10184	8	46.29	2	12	32	2.08	38	38	11.6	Tr.	7	39	
10185	10	48.34	1	12	32	6.93	22	38	32.1	Mer.	122	26	
10186	10	49.12	2	12	32	10.36	32	26	59.0	Mu.	225	31	
10187	6	49.24	3	12	32	11.31	37	1	57.1	Mu.	243	32	
10188	10	49.28	2	12	32	14.38	39	48	15.8	Mu.	248	92	
10189	10	49.25	2	12	32	16.97	24	24	25.7	Tr.	229	75	
10190	10	49.38	1	12	32	17.82	29	5	30.8	Tr.	241	20	
10191	9	47.34	1	12	32	20.72	28	47	....	Tr.	116	19	
	7	47.27	1			21.15			22.3	Mer.	91	87	
	8.9	46.34	3			21.18[7]			19.7	Mer.	15	18	[7] One thread increased one thread interval.
10192	10	46.30	1	12	32	25.48	33	15	11.6	Tr.	14	46	
10193	9	49.24	2	12	32	40.20	32	2	15.2	Mer.	172	36	
10194	8	47.34	1	12	32	46.93	26	0	20.6	Mu.	113	41	
	9	48.30	3			47.12			21.5	Mu.	163	53	
	8	49.28	2			47.20			25.1	Tr.	235	29	
10195	7	47.34	3	12	32	54.32	26	53	18.0	Mu.	112	22	
10196	10	49.22	1	12	32	59.67	34	8	21.8	Mu.	239	5	
10197	8	49.27	3	12	33	0.41	30	54	41.5	Tr.	232	43	
	8.9	47.27	5			0.63			41.0	Mu.	108	10	
	7.8	49.24	3			0.66			43.3	Tr.	227	24	
	7	46.34	3			0.73			49.3[8]	Mu.	12	49	[8] Decl. changed one rev. north.
10198	9.10	49.12	2	12	33	16.36	32	37	8.0	Mu.	225	32	
10199	6.7	47.34	2	12	33	16.37	27	5	0.4	Mu.	112	23	
10200	9	49.30	2	12	33	23. . .[9]	25	2	1.5	Mu.	252	81	[9] Separate threads give $23^s.56$, $25^s.90$.
	10	49.28	3			23.24			4.9	Mer.	177	141	
10201	9	48.24	1	12	33	26.45	26	41	18.8	Mu.	161	58	
	8	47.34	1			27.17			20.1	Mu.	113	42	
	8	47.34	1			27.29			20.8	Mer.	98	16	
10202	9	49.25	2	12	33	31.55	24	10	10.5	Tr.	229	76	
	7.8	49.30	2			31.78			14.0	Tr.	238	70	
	8	49.29	3			31.89			13.2	Mer.	179	98	
	9.10	49.28	4			31.94			9.7	Mu.	249	59	
10203	10	52.35	5	12	33	32.17	20	10	....	Tr.	276	31	
10204	8	49.25	3	12	33	33.63	38	54	29.0	Mer.	173	70	
10205	7	52.35	5	12	33	38.51	19	47	....	Tr.	276	33	
	8	52.34	5			38.53			32.4	Mer.	246	14	
	9	52.35	5			38.58			33.1	Mer.	247	25	
10206	7	49.24	1	12	33	40.53	37	3	47.0	Mu.	243	33	
10207	8	49.29	2	12	33	47.23	23	2	46.8	Mu.	251	104	
10208	7	52.35	5	12	33	51.49	20	5	....	Tr.	276	32	
10209	9	48.34	4	12	33	53.36	28	9	58.1	Mu.	164	5	
	10	46.32	3			53.48			59.0	Tr.	16	12	
10210	8	49.24	2	12	33	53.49	31	37	46.5	Mer.	172	37	
10211	7	49.24	1	12	33	56.01	37	7	13.9	Mu.	243	34	
10212	10	49.12	1	12	33	56.08	32	40	56.7	Mu.	225	33	
10213	8	51.35	5	12	34	2.12	21	54	13.9	Mu.	277	7	
	7	51.31	5			2.36			13.4	Tr.	262	36	
10214	8	46.34	2	12	34	8. . .[10]	30	59	35.7	Mu.	12	50	[10] Separate threads give $7^s.69$, $8^s.71$. Gou gives $8^s.5$.
	9	47.27	2			9.54[11]			37.6	Mu.	108	11	
10215	9	46.28	1	12	34	10.90	39	6	35.2	Tr.	6	36	[11] One of three threads rejected; R. A. = $7^s.58$.
	9	49.24	2			11.59			37.4	Tr.	228	23	
10216	10	46.29	2	12	34	12.90	38	41	56.9	Tr.	7	40	
10217	6	47.27	3	12	34	20.11	28	51	5.7	Mer.	91	88	[12] Two threads decreased one thread interval each.
	9	46.34	3			20.55[12]			13.0[13]	Mer.	15	19	[13] Decl. changed one wire interval south.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
10218	9	49.27	3	12	34	30.32	30	53	11.2	Tr.	232	44	
	8	49.24	2			30.69			13.0	Tr.	227	25	
	9	46.24	1			30.94			7.2	Mu.	12	51	
10219	10	49.29	4	12	34	38.79	23	47	24.9	Mer.	179	99	
	9	49.30	2			38.84			23.6	Tr.	238	71	
10220	8	49.25	2	12	34	41.41	38	40	42.4[1]	Mer.	173	71	[1] Decl. changed one wire interval south and one rev. north.
	9	46.29	2			41.73			45.4	Tr.	7	41	
10221	9	46.30	3	12	34	43.79	33	45	4.8	Mu.	10	108	
10222	8.9	46.34	2	12	34	45.47	29	13	13.4	Mer.	15	20	
	11	49.38	1			45.84			14.4	Tr.	241	21	
10223	8	47.20	4	12	34	46.83	30	7	23.5	Mer.	88	61	
	7	47.29	2			46.83			19.5	Tr.	109	97	
	8	49.24	4			46.90			22.4	Mu.	242	32	
10224	9	46.30	1	12	34	47.63	34	1	50.6	Mu.	10	109	
10225	9	46.30	3	12	34	54.02	33	28	16.5	Tr.	14	47	
	8	49.22	3			54.45			16.0	Mer.	170	1	
10226	10	49.28	1	12	34	54.22	24	50	50.3	Mer.	177	142	
	9	49.30	1			54.35			49.5	Mu.	252	82	
10227	12	46.29	2	12	35	0.53	35	38	19.8	Tr.	11	28	
10228	10	49.38	1	12	35	5.92	29	25	28.8	Tr.	241	22	
10229	9	49.22	2	12	35	8.15	35	11	13.4	Tr.	224	1	
	8	49.25	3			8.23			15.2	Mu.	244	107	
	7.8	49.20	3			8.28			10.7	Mu.	236	38	
10230	7	49.29	2	12	35	9.38	23	1	6.6	Mu.	251	105	
10231	10	49.38	1	12	35	12.42	29	25	22.2	Tr.	241	23	
10232	8	47.34	2	12	35	15.44	26	32	48.8[2]	Mer.	99	35	[2] Decl. changed one rev. south.
	9	47.34	1			16.24			50.1[3]	Mu.	113	43	[3] Decl. changed five rev. south.
	8	47.34	1			16.35			46.7	Mu.	112	24	
10233	7	49.25	3	12	35	16.24	24	9	54.1	Tr.	229	77	
	8	49.28	5			16.56			61.3	Mu.	249	60	
10234	7	49.24	3	12	35	16.61	39	21	13.2	Tr.	228	24	
	5	46.28	3			16.45			15.5	Tr.	6	37	
10235	7	49.28	2	12	35	20.87	40	29	61.5	Mu.	248	93	
	7	49.38	7			21.06			59.2	Mer.	181	14	
	7	46.30	7			21.17			57.5	Mer.	11	46	
10236	10	48.34	2	12	35	26.46	22	38	43.8	Mer.	122	27	
10237	9.10	48.34	2	12	35	28.23[4]	27	59	37.8	Mu.	164	6	[4] R. A. decreased 1 min. Separate threads give $28^{s}.61$, $27^{s}.85$.
10238	9	48.30	3	12	35	30.03	25	39	35.7	Mu.	163	54	
	9	49.28	2			30.05			34.0	Tr.	235	30	
10239	8	48.30	2	12	35	32.82	27	21	46.4	Mer.	227	40	
	9	49.28	1			32.85			42.2	Tr.	234	2	
	7.8	47.27	2			33.07			48.4	Mu.	105	123	
10240	9	49.27	2	12	35	33.27	30	33	44.2	Tr.	232	45	
10241	6.7	49.28	2	12	35	34.41	25	28	43.3	Tr.	235	31	
	7.8	48.30	3			34.83			40.9	Mu.	163	55	
10242	7.8	49.22	2	12	35	35.37	34	35	25.5	Mu.	239	6	
	9	49.20	7			35.38			28.8	Tr.	221	18	
10243	9	46.28	1	12	35	42.22	39	24	59.1	Tr.	6	38	
	9	49.24	1			42.35			54.1	Tr.	228	25	
10244	7	49.24	1	12	35	43.24	36	52	34.9	Mu.	243	35	
10245	7	51.35	5	12	35	48.48	22	2	19.0	Mu.	277	8	
	7	51.31	5			48.57			17.6	Tr.	262	37	
10246	9	48.34	1	12	35	49.79	27	52	40.4	Mu.	164	7	
10247	7.8	46.29	4	12	35	52.54	35	31	32.8	Tr.	11	29	
10248	8	49.29	2	12	35	53.65	23	27	46.1	Mu.	251	106	
	9	49.30	1			53.67			47.1	Tr.	238	72	
	9	49.29	2			53.85			45.6	Mer.	179	100	
10249	9	49.22	2	12	35	54.30	34	17	42.0	Mu.	239	7	
10250	9	49.28	2	12	35	56.38	24	13	7.5	Mu.	249	61	
10251	9	47.34	2	12	35	58.84	26	37	11.2	Mer.	99	36	
10252	5.4	47.28	2	12	36	1.48	27	29	55.9	Tr.	234	3	
	4	47.27	3			1.60			58.8	Mu.	105	124	
	4	48.30	4			1.65			59.3	Mer.	227	41	
10253	10	49.12	3	12	36	8.44	36	24	46.7	Tr.	214	16	
10254	9	46.30	7	12	36	8.76	41	15	28.0[5]	Mer.	13	35	[5] Decl. changed one rev. south.
10255	8	49.24	3	12	36	13.93	31	34	57.5	Mer.	172	38	
10256	8.9	46.34	5	12	36	19.04	28	40	32.1	Mer.	15	21	
	10	46.32	2			19.10			32.8	Tr.	16	13	
	9	47.34	1			19.16			29.5	Tr.	116	20	
	8	47.27	3			19.17			42.7	Mer.	91	89	
10257	8	49.25	2	12	36	23.98	35	23	52.3	Mu.	244	108	
	9	49.22	2			24.23			49.8	Tr.	224	2	
	8.9	49.20	3			24.67			51.1	Mu.	236	39	
10258	9	49.24	1	12	36	24.50	36	57	23.9	Mu.	243	36	
10259	9	48.30	2	12	36	36.60	26	4	50.3	Mu.	163	56	
	8	47.34	2			36.61			49.1	Mu.	113	44	
	10	48.24	1			36.69			48.5[6]	Mu.	161	59	[6] Decl. changed one rev. south.
10260	9	49.24	3	12	36	37.76	30	47	16.7	Tr.	227	26	
	9	49.27	2			37.81			12.2	Tr.	232	46	
10261	8	52.35	5	12	36	38.00	19	8	18.5	Mer.	247	26	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
10262	10	48.34	3	12	36	43.43	22	25	48.5	Mer.	122	28	
10263	8	47.28	2	12	37	16. . .[1]	27	56	. . . .	Mer.	92	65	[1] First thread increased 20 sec. Separate threads give $17^{s}.50$, $16^{s}.05$.
	8	48.34	3			16.39			37.3	Mu.	164	8	
	8	49.28	1			16.41			39.0	Tr.	234	4	
	5	48.30	2			16.45			35.1	Mer.	227	42	
	9	46.32	2			16.65			41.6	Tr.	16	14	
	4	47.27	1			16.85			37.6	Mu.	105	125	
10264	8	46.34	4	12	37	19.46	28	57	35.1	Mer.	15	22	
	8.9	47.38	2			19.46			35.6	Mu.	115	11	
	8	47.34	1			19.54			39.4	Tr.	116	21	
	8	47.27	4			19.59[2]			39.2[3]	Mer.	91	90	[2] One of five threads rejected; R. A. $=18^{s}.76$.
10265	9	49.12	2	12	37	20.46	36	37	37.4	Tr.	214	17	[3] Decl. changed one wire interval north.
10266	6	49.24	2	12	37	30.60	36	59	57.0	Mu.	243	37	
10267	10	49.24	2	12	37	31.97	39	27	20.0	Tr.	228	26	
10268	9	47.34	1	12	37	33.32	26	29	22.1	Mu.	113	45	
10269	10	49.28	2	12	37	33.38	25	35	42.0	Tr.	235	32	
10270	7	52.35	5	12	37	39.50	19	19	27.5	Mer.	247	27	
10271	9	49.29	3	12	37	45.23	23	42	53.2	Mer.	179	102	
	8	49.30	3			45.31			49.8	Tr.	238	73	
10272	9	49.29	2	12	37	47.94	24	9	22.4	Mer.	179	101	
	8.9	49.28	3			48.04			20.0	Mu.	249	62	
	7	49.25	3			48.14			19.6	Tr.	229	78	
10273	10	49.24	2	12	37	48.29	29	59	20.4	Mu.	242	33	
10274	9.10	47.27	3	12	37	52.45[4]	31	3	58.9	Mu.	108	12	[4] GZ gives $53^{s}.8$. The three threads of Mu. 108, No. 12, were observed between the first and third threads of Mu. 108, No. 13, so that it seems impossible to increase the R. A. of No. 12 by 1 sec., as No. 13 agrees with other Washington Zones, Gou, and GZ.
	8	46.34	2			53.59			71.5[5]	Mu.	12	52	
10275	7	49.25	4	12	37	53.95	31	34	46.6	Mer.	172	39	
10276	6	51.35	5	12	37	57.77	21	48	33.1	Mu.	277	9	
	6	51.31	5			57.98			32.1	Tr.	262	38	
10277	7	46.34	2	12	38	1. . .[6]	30	56	30.9	Mu.	12	53	
	8	47.34	1			1.07			23.6	Tr.	115	47	[5] Micrometer record somewhat uncertain.
	8	49.24	2			1.37			31.9	Tr.	227	27	[6] Separate threads give $1^{s}.77$, $0^{s}.81$.
	8.9	47.27	4			1.42			28.9	Mu.	108	13	
10278	. .	52.35	5	12	38	5.12	19	15	13.0[7]	Mer.	247	28	[7] Decl. changed one rev. north.
10279	10	49.24	1	12	38	17.91	32	17	51.5	Mer.	172	40	
10280	9	47.27	1	12	38	22.39	30	58	39.3	Mu.	108	14	
	9	49.24	2			22.69			40.9	Tr.	227	28	
	8	46.34	2			22.89			40.5	Mu.	12	54	
10281	9	46.28	1	12	38	24.97	39	30	3.9	Tr.	6	39	
10282	7	52.35	5	12	38	33.12	20	1	. . . .	Tr.	276	34	
	9	52.34	5			33.37			42.9	Mer.	246	15	
10283	9	51.35	5	12	38	38.85	21	53	7.0	Mu.	277	10	
10284	8	49.24	3	12	38	40.21	39	28	38.2	Tr.	228	27	
	8	46.28	1			40.25			44.1	Tr.	6	40	
10285	7.8	49.12	3	12	38	41.24[8]	32	29	34.5	Mu.	225	34	[8] One of four threads rejected; R. A. $=40^{s}.50$.
10286	9	48.34	1	12	38	49.98	28	9	48.8	Mu.	164	9	[9] Separate threads give $49^{s}.98$, $50^{s}.59$, $51^{s}.76$, $51^{s}.57$.
	8	47.28	4			50. . .[9]			. . . .	Mer.	92	66	
10287	9.10	46.30	6	12	38	50.07[10]	41	16	4.4[11]	Mer.	13	36	[10] R. A. decreased 1 min.
10288	9	52.35	5	12	38	50.92	19	47	. . . .	Tr.	276	35	[11] Decl. changed one rev. south.
10289	9	46.30	3	12	38	59.86	33	53	25.8	Mu.	10	110	
	8	49.22	2			60.02			24.5[12]	Mer.	170	2	[12] Decl. changed ten rev. north.
10290	8	52.35	5	12	39	2.61	19	6	52.9	Mer.	247	29	
10291	7	51.35	5	12	39	7.00	21	18	32.0	Mer.	240	1	
10292	9	49.24	2	12	39	7.24	39	18	23.0	Tr.	228	28	
10293	8	49.25	1	12	39	13.05	38	39	24.5[13]	Mer.	173	72	[13] Decl. changed one wire interval south.
	10	46.29	3			13.13			25.4	Tr.	7	42	
10294	9	49.28	2	12	39	13.48	25	10	17.4	Mer.	177	143	
	9.10	49.30	2			13.74			16.6	Mu.	252	83	
10295	10	49.28	1	12	39	14.82	27	43	28.4	Tr.	234	5	
10296	10	49.38	1	12	39	19.34	29	23	24.3	Tr.	241	24	
10297	9	46.34	2	12	39	21.17	28	46	13.9	Mer.	15	23	
	9	47.27	3			21.17			11.6	Mer.	91	91	
10298	10	49.24	3	12	39	30. . .[14]	29	54	8.8	Mu.	242	34	[14] Separate threads give $30^{s}.76$, $29^{s}.53$, $30^{s}.15$.
10299	9	49.27	2	12	39	31.42	30	7	55.7	Tr.	232	47	
10300	7	47.27	2	12	39	39.26	28	58	28.0	Mer.	91	92	
	8	47.38	4			39.51			27.2	Mu.	115	12	
	7.8	46.34	5			39.83			27.0	Mer.	15	24	
	9	47.34	2			39.90			28.3	Tr.	116	22	
10301	9	49.22	3	12	39	49.36	33	14	24.0	Mu.	241	1	
	8	46.30	4			49.37			23.2	Tr.	14	48	
10302	8	47.34	4	12	39	54.95	26	44	30.3	Mer.	99	37	
	7.8	47.34	3			55.23			32.4	Mu.	112	25	
	. .	47.34	2			55.38			49.5[15]	Mer.	98	18	[15] If micrometer reading be assumed as 36.62 instead of 36.12 rev., as recorded, Decl. $= 32''.2$.
	8	48.24	1			55.47			33.2	Mu.	161	60	
10303	8	49.28	3	12	39	55.23	24	11	40.5	Mu.	249	63	
	6	49.29	2			55.38[16]			38.4	Mer.	179	104	[16] Minute assumed.
10304	7	49.28	3	12	39	55.59	24	1	59.3	Mu.	249	64	
	8	49.30	2			55.87			65.7	Tr.	238	74	
	6	49.29	2			56.07			59.9	Mer.	179	103	
10305	8.9	49.20	2	12	39	58. . .[17]	34	53	13.3	Mu.	236	40	[17] Separate threads give $58^{s}.77$, $60^{s}.18$.
	8	49.22	3			58.22			12.4	Mu.	239	8	
	9	49.22	2			58.61			9.5	Tr.	224	3	[18] R. A. increased 1 min. Separate threads give $59^{s}.18$, $58^{s}.42$.
	7.8	49.25	2			58.80[18]			13.7	Mu.	244	109	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
10306	10	51.35	5	12	40	6.45	21	50	32.8	Mu.	277	11	
	9	51.31	5			6.60			32.6	Tr.	262	39	
10307	7	49.24	2	12	40	13.27	31	30	16.5	Mer.	172	41	
	7	46.34	2			13.38			16.3	Mu.	12	55	
	8	47.27	3			13.42			15.7	Mu.	108	15	
	9	47.34	2			13.52			14.4	Tr.	115	48	
10308	9	49.29	1	12	40	15.25	23	59	35.4	Mer.	179	105	
10309	9	52.35	5	12	40	15.98	20	6	....	Tr.	276	36	
10310	8	47.28	1	12	40	21.15	27	55	....	Mer.	92	67	
10311	9	49.28	2	12	40	21.51[1]	25	4	31.3	Mer.	177	144	[1] R. A. increased 1 min.
	8	49.30	1			21.67			29.2	Mu.	252	84	
10312	9.10	49.28	1	12	40	22.44	23	58	39.2	Mu.	249	65	
	9	49.30	2			22.62[2]			40.1	Tr.	238	75	[2] Minute assumed.
	9	49.29	1			22.96			38.6	Mer.	179	106	
10313	9	48.24	2	12	40	26.31	26	46	31.0[3]	Mu.	161	61	[3] Horizontal wire assumed.
	6	47.34	3			27.13			35.0	Mer.	99	38	
	5	47.34	2			27.32			31.3	Mu.	112	26	
	6	47.34	2			27.40			35.6	Mer.	98	19	
10314	8	49.27	3	12	40	34.91	30	35	8.2	Tr.	232	48	
	8	49.24	2			35.22			7.5	Tr.	227	29	
10315	10	49.28	1	12	40	37.68	40	14	56.6	Mu.	248	94	
10316	12	46.29	3	12	40	39.27	35	45	40.7	Tr.	11	30	
10317	9	49.12	3	12	40	43.23	36	13	14.0[4]	Tr.	214	18	[4] Decl. changed one wire interval south.
10318	8	49.24	1	12	40	49.28	30	20	14.1[5]	Tr.	227	30	[5] Decl. changed two wire intervals north.
	9.10	49.24	1			49.41			14.5	Mu.	242	36	
10319	9	49.27	1	12	40	51.08	30	..	....[6]	Tr.	232	49	[6] Identification uncertain. Probably the same as No. 10320, though it may be identical with No. 10318.
10320	9.10	49.24	2	12	40	51...[7]	30	22	57.5	Mu.	242	35	
	8.9	47.20	6			51.47			55.9	Mer.	88	62	
10321	9	46.30	2	12	40	55.38[8]	33	43	51.8	Mu.	10	111	[7] Separate threads give $50^s.27$, $51^s.39$. GZ gives $51^s.8$.
10322	8	49.25	3	12	40	57.12	38	53	50.7	Mer.	173	73	
10323	9	52.35	5	12	41	1.84	19	9	13.0	Mer.	247	30	[8] One thread increased 10 sec. and decreased one thread interval.
10324	8	49.24	1	12	41	2.07	31	56	39.0	Mer.	172	42	
10325	9	48.34	4	12	41	4.49	22	25	18.9[9]	Mer.	122	29	[9] If micrometer reading be assumed as 44.475 instead of 44.175 rev., as recorded, Decl. = 8″.6. AW gives 10″.
10326	8	49.30	1	12	41	4.87	25	2	37.5	Mu.	252	85	
10327	8	47.28	2	12	41	8.05	28	2	....	Mer.	92	68	
	9	48.34	4			8.85			10.1	Mu.	164	10	
	10	46.32	2			9.04			10.6	Tr.	16	15	
10328	7.6	49.28	1	12	41	8.44	39	57	26.2	Mu.	248	95	
10329	9	52.34	5	12	41	15.60	19	47	21.1	Mer.	246	16	
	7	52.35	5			15.62			....	Tr.	276	37	
10330	9	49.28	3	12	41	15.84	25	42	29.8	Tr.	235	33	
10331	7	46.30	3	12	41	24.48	33	58	21.0	Mu.	10	112	
	7	49.22	3			24.63			19.3	Mer.	170	3	
10332	8	49.24	2	12	41	25.57	37	3	6.4	Mu.	243	38	
10333	9	49.28	1	12	41	27.40	24	28	29.4	Mu.	249	66	
	9	49.25	3			27.54			28.4	Tr.	229	79	
10334	8	47.20	1	12	41	28.95	29	59	45.7	Mer.	88	63	
	6	47.29	2			29.05			45.7	Tr.	109	98	
10335	..	52.35	5	12	41	35.80	19	4	39.6	Mer.	247	31	
10336	9	49.22	3	12	41	37.15	33	16	55.1	Mu.	241	2	
	9	46.30	3			37.16			55.0	Tr.	14	49	
10337	10	48.24	2	12	41	41.36	23	35	51.3	Mer.	121	18[10]	[10] Mer. 121, Nos. 18 and 19, are from 15″ to 20″ south of the positions given in AW.
	9	49.29	1			41.52			33.6	Mer.	179	107	
	8	49.29	1			41.98			35.8	Mu.	251	107	
10338	9	46.30	2	12	41	47.39	33	29	9.8	Mu.	10	113	
10339	9	49.12	3	12	41	48.24	32	41	11.7	Mu.	225	35	
10340	8	47.34	1	12	41	54.62	26	56	19.4	Mu.	112	27	
10341	6	49.24	1	12	41	59.73	36	39	43.8	Mu.	243	39	
	9	49.12	2			59.90			46.2	Tr.	214	19	
10342	8.7	49.30	2	12	42	9.64	25	1	15.7	Mu.	252	86	
	8	49.28	5			9.72			17.5	Mer.	177	145	
10343	8	49.27	2	12	42	10.42	30	24	18.7	Tr.	232	50	
10344	9	49.12	2	12	42	12.52	32	47	28.4	Mu.	225	36	
10345	10	46.30	7	12	42	14.20	41	5	13.2	Mer.	13	37	
10346	9	49.38	3	12	42	15.46	40	52	40.5	Mer.	181	15	
10347	8	52.35	5	12	42	15.68	19	32	42.1	Mer.	247	32	
10348	8	47.30	3	12	42	20.59	29	45	37.2[11]	Mer.	95	89	[11] Decl. changed one rev. south.
	8	49.24	2			20.65			33.9	Mu.	242	37	
	6.7	49.38	2			20.84			37.4	Tr.	241	25	
	8	47.32	2			21.00			39.1	Mer.	97	1	
	6	47.29	2			21.10			34.2	Tr.	109	99	
10349	8	49.30	2	12	42	20.86	23	23	49.2[12]	Tr.	238	76	[12] Horizontal wire assumed as 1 instead of 10.
	7	49.29	1			20.95			42.3	Mu.	251	108	
	8	49.29	1			20.96			54.5	Mer.	179	108	
	10	48.24	2			21.72			58.5[13]	Mer.	121	19[14]	[13] Decl. changed five rev. north.
10350	10	49.25	1	12	42	22.35	35	24	2.9	Mu.	244	110	[14] See note on No. 10337_1.
10351	6.7	49.24	1	12	42	24.64	37	7	4.1	Mu.	243	40	
10352	8	49.28	3	12	42	28.72[15]	25	50	29.2	Tr.	235	34	[15] R. A. decreased 10 sec.
	9	48.30	2			28.77			27.5	Mu.	163	57	
10353	8	49.25	3	12	42	31.45	39	3	14.2	Mer.	173	74	
	9	49.24	2			31.75			11.8	Tr.	228	29	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
10354	5	46.30	3	12	42	33.72	33	10	48.3	Tr.	14	50	
	7	49.22	4			33.79[1]			48.1	Mu.	241	3	[1] One of five threads rejected; R. A.=33^{s}.08.
10355	9	49.25	1	12	42	37.37	35	17	28.4	Mu.	244	111	
	9	49.22	1			37.96			13.8	Tr.	224	4	
10356	9	47.34	3	12	42	39.84	27	1	54.3	Mer.	99	39	
	7	47.34	1			39.97			55.4	Mu.	112	28	
10357	7	48.30	5	12	42	44.39[2]	27	30	4.1	Mer.	227	43	[2] One of six threads rejected; R. A.=45^{s}.12.
	9	49.28	1			44.45			3.4	Tr.	234	6	
10358	9.10	46.30	4	12	42	48.13	40	26	2.0	Mer.	11	47	
	9	49.38	2			48.15			1.9	Mer.	181	16	
10359	7.6	49.24	1	12	42	59.87	36	41	43.8	Mu.	243	41	
10360	10	49.22	1	12	43	2.60	35	4	55.6	Tr.	224	5	
	9	49.25	1			2.77			58.3	Mu.	244	112	
10361	8	47.28	2	12	43	3.26	28	21	....	Mer.	92	69	
	9	46.32	4			3.83			33.4	Tr.	16	16	
	9	48.34	4			3.91			35.6	Mu.	164	11	
10362	9	48.30	2	12	43	4. . .[3]	25	38	2.7	Mu.	163	58	[3] Separate threads give 4^{s}.09, 4^{s}.93.
	8	49.28	2			4.64			5.3	Tr.	235	35	
10363	9	49.25	2	12	43	5.15	24	24	7.5	Tr.	229	80	
	10	49.28	2			5.33			8.5	Mu.	249	67	
10364	10	49.38	1	12	43	12.51	29	39	20.8	Tr.	241	26	
10365	9.10	49.12	1	12	43	15.06	32	23	15.7	Mu.	225	37	
10366	8	47.28	1	12	43	17.40	28	9	....	Mer.	92	70	
	9.10	48.34	3			18.14			53.3	Mu.	164	12	
10367	9	52.35	5	12	43	17.89	19	32	53.1	Mer.	247	33	
10368	11	46.30	2	12	43	21.72	33	11	19.7	Tr.	14	51	
10369	10	49.28	1	12	43	27.45[4]	40	2	2.9	Mu.	248	96	[4] R. A. decreased 1 min.
10370	8	49.28	2	12	43	30.60	25	6	44.3	Mer.	177	146	
	8	49.30	1			30.67			46.5	Mu	252	87	
10371	9	49.12	1	12	43	36.38	32	31	41.0	Mu.	225	38	
10372	8	46.34	4	12	43	36.60	31	13	36.4	Mu.	12	56	
	9	47.27	3			36.66			36.8	Mu.	108	16	
	10	47.34	1			36.80			36.0	Tr.	115	49	
10373	9.8	49.30	1	12	43	37.12	25	0	50.7	Mu.	252	88	
10374	8	49.24	..	12	43	39. . .	30	15	57.8	Mu.	242	39	
	7	47.20	1			39.52[5]			.55.9	Mer.	88	65	[5] Last thread of Mer. 88, No. 64, assumed as belonging to Mer. 88, No. 65.
10375	4	49.25	3	12	43	42.30	38	51	45.1	Mer.	173	75	
10376	12	46.29	1	12	43	42.34	38	25	38.3	Tr.	7	43	
10377	6.7	49.24	3	12	43	45.07	30	23	3.5	Tr.	227	31	
	7	49.27	2			45.29			4.9	Tr.	232	51	
	8	47.20	3			45.40[6]			4.6	Mer.	88	64	[6] One thread increased one thread interval. See note on No. 10374$_2$.
10378	6	46.30	3	12	43	47.58	34	15	56.8	Mu.	10	114	
	7	49.22	3			47.66			54.4	Mu.	239	9	
10379	9.10	47.34	1	12	43	55.84	25	58	29.0	Mu.	113	47	
10380	5.6	47.34	4	12	43	57.51	25	55	19.8	Mu.	113	46	
	6	48.30	2			57.66			22.4	Mu.	163	60	
10381	9	49.29	2	12	43	59.07	23	53	23.5	Mer.	179	109	
	8	49.30	1			59.10			19.9	Tr.	238	77	
10382	9	49.28	2	12	44	0.24	27	54	41.3	Tr.	234	7	
	7	48.30	2			0.25			40.1	Mer.	227	44	
	9	48.34	1			0.29			37.9[7]	Mu.	164	13	[7] Decl. changed one rev. north.
	8	47.28	1			0.33			....[8]	Mer	92	71	[8] Decl. changed one rev. north.
10383	9.10	49.12	1	12	44	2.10	32	30	0.6	Mu.	225	39	
10384	8	47.29	2	12	44	2.31	29	49	39.8	Tr.	109	100	
	8.9	49.24	4			2.33			39.8	Mu.	242	38	
	9	47.30	1			2.65[9]			41.0	Mer.	95	90	[9] R. A. decreased 50 sec.
10385	9	49.25	1	12	44	5.45[10]	35	7	7.4	Mu.	244	113$_1$	[10] R. A. increased one thread interval.
	10	49.22	1			5.65			2.3	Tr.	224	6	
10386	8	49.28	2	12	44	6.80	25	38	20.0	Tr.	235	36	
	9	48.30	1			6.91			18.4	Mu.	163	59	
10387	8	49.28	1	12	44	17.96	40	7	26.8	Mu.	248	97	
10388	7	49.25	2	12	44	31.53	38	29	42.1	Mer.	173	76	
	9	49.26	3			31.90			41.4	Mu.	246	1	
	7	46.29	1			32.05			41.3	Tr.	7	44	
10389	8	47.27	2	12	44	31.93	28	40	37.3[11]	Mer.	91	93	[11] Decl. changed one rev. south.
	9	46.34	3			32.00			39.0	Mer.	15	25	
	9	47.34	1			32.21			38.4	Tr.	116	23	
10390	10	47.34	5	12	44	34.00	26	14	10.9	Mer.	98	20	
	9	48.24	1			34.30[12]			18.9	Mu.	161	62	[12] Minute assumed.
10391	8.9	48.34	3	12	44	35.57	22	19	12.7[13]	Mer.	122	30	[13] Decl. changed one rev. south.
10392	..	47.28	1	12	44	36.67	27	53	....	Mer.	92	72	
	9	48.34	1			36.72[14]			20.9	Mu.	164	14	[14] R. A. decreased 10 sec.
	9	49.28	1			36.95			26.6	Tr.	234	8	
	7	48.30	3			37.36			24.4	Mer.	227	45	
10393	9.	49.28	3	12	44	43.08	25	11	15.0	Mer.	177	147	
10394	9	49.22	1	12	44	43.68	34	55	47.2	Tr.	224	7	
10395	9	49.29	2	12	44	43.87	23	25	49.7	Mu.	251	109	
10396	9	49.30	1	12	44	44.68	24	39	51.3	Mu.	252	89	
10397	10	46.28	2	12	44	48.81	39	41	35.2	Tr.	6	41	
10398	10	49.22	2	12	44	50.54	33	18	28.1[15]	Mu.	241	4	[15] Decl. changed two rev. south.
	10	46.30	1			50.72			29.7	Tr.	14	52	

NO.	MAG.	DATE.	NO. THDS	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE	NO.	NOTES.
		1800+		h	m	s	°	′	″				
10399	8	46.34	2	12	44	52.79	31	2	23.8	Mu.	12	57	
	9	47.27	3			52.87			27.8	Mu.	108	17	
10400	8	49.26	1	12	44	57.52	38	34	27.2	Mu.	246	2	
	6	46.29	2			57.83			26.6	Tr.	7	45	
	4.5	49.25	2			57.86			24.7	Mer.	173	77	
10401	8	49.28	1	12	45	5.25	25	42	16.2	Tr.	235	37	
10402	10	48.34	2	12	45	6.85	22	21	0.9[1]	Mer.	122	31	[1] Decl. changed one rev. north.
10403	5	49.24	7	12	45	8.76	39	21	39.7	Tr.	228	30	
10404	9	47.30	2	12	45	11.79	29	11	56.5	Mer.	95	91	
	7	47.34	2			12.00			55.0	Tr.	116	24	
	8	47.38	3			12.04			55.6	Mu.	115	13	
	7.8	46.34	3			12.15			56.2	Mer.	15	26	
	8	49.38	2			12.18			53.0	Tr.	241	27	
	8	47.32	3			12.57[2]			52.8	Mer.	97	2	[2] One of four threads rejected; R. A.=$11^{s}.75$.
10405	9	49.24	1	12	45	13.12	37	18	0.3	Mu.	243	42	
10406	9	49.24	2	12	45	13.31	30	31	53.3	Tr.	227	32	
	8	49.27	2			13.31			60.0	Tr.	232	52	
10407	9	52.35	5	12	45	13.53	19	23	53.7	Mer.	247	34	
10408	9.10	49.12	2	12	45	26.81	32	33	17.4	Mu.	225	40	
10409	7	47.34	2	12	45	39.76	26	35	12.2	Mu.	113	48	
	8	47.34	2			39.83			13.8	Mer.	98	21	
	7	47.34	3			40.06			11.2	Mu.	112	29	
	7	47.34	3			40.14			13.7	Mer.	99	40	
10410	9	49.24	2	12	45	43.08	32	21	18.8	Mer.	172	43	
	9.10	49.12	1			43.51			15.2	Mu.	225	41	
10411	7	47.27	1	12	45	48.42	28	29	34.6	Mer.	91	94	
	8	46.32	2			48.43			37.7	Tr.	16	17	
	7	47.28	1			48.57[3]			....	Mer.	92	73	[3] R. A. increased 1 min.
10412	8	49.28	3	12	45	59.65	24	56	14.7	Mer.	177	148	
	7.8	49.30	2			59.88			13.8	Mu.	252	90	
10413	8.9	47.34	1	12	46	6.61	26	44	54.4	Mu.	112	30	
10414	8	47.27	1	12	46	6.64[4]	28	35	[25.7][5]	Mer.	91	95	[4] Minute assumed.
	9	47.34	1			7.65			21.3	Tr.	116	25	[5] Micrometer reading the same as that of Mer. 91, No. 94.
	8.9	46.34	3			7.84			20.8	Mer.	15	27	
	10	46.32	2			7.98			16.2	Tr.	16	18	
10415	8	49.25	2	12	46	8.45[6]	38	39	50.2	Mer.	173	78	[6] Separate threads give $8^{s}.80$, $8^{s}.10$.
10416	10	49.22	2	12	46	9.92	34	16	55.9	Mu.	239	10	
10417	8	49.28	1	12	46	12.11	27	8	33.1	Tr.	234	9[7]	[7] "Preceding."
	8	47.34	2			12.28			33.8	Mer.	99	41	
10418	9	49.24	2	12	46	18.16	39	21	11.8	Tr.	228	31	
	9	46.28	3			18.30			19.0	Tr.	6	42	
10419	9	49.12	1	12	46	19.04	35	59	42.1[8]	Tr.	214	20	[8] Decl. changed one wire interval south.
10420	9	49.29	3	12	46	26.76[9]	23	45	66.3	Mer.	179	110	[9] R. A. increased 1 min.
	9	49.30	2			26.98			57.7	Tr.	238	78	
10421	7	49.25	2	12	46	27.03	38	41	32.9	Mer.	173	79	
	9	46.29	2			27.15			28.5	Tr.	7	46	
10422	7	52.35	5	12	46	33.75	19	16	56.2	Mer.	247	35	
10423	9	49.22	1	12	46	45.99	34	19	34.7	Mu.	239	11	
10424	7.8	46.30	7	12	46	46.43	41	28	32.6	Mer.	13	38	
10425	9	49.28	2	12	46	47.27	25	1	9.9	Mer.	177	149	
	10	49.30	1			47.93			8.6	Mu.	252	91	
10426	9	49.25	3	12	46	51.02	24	36	46.4	Tr.	229	81	
	9	49.28	4			51.09[10]			43.7	Mu.	249	68	[10] One of five threads rejected; R. A.=$50^{s}.29$.
10427	8	49.28	1	12	47	9.41	24	8	26.2	Mu.	249	69	
	8	49.30	2			9.54			25.5	Tr.	238	79	
	8	49.29	3			9.70			26.5	Mer.	179	111	
10428	9	47.28	1	12	47	9.98	28	29	....	Mer.	92	74	
10429	8	47.34	1	12	47	10.60	27	12	52.8	Mu.	112	31	
	7	48.30	4			10.76			50.3	Mer.	227	46	
	9	49.28	1			10.86			56.9	Tr.	234	10	
10430	8	48.30	2	12	47	10.80	27	38	28.9	Mer.	227	47	
10431	10	49.29	2	12	47	21. . .[11]	22	53	19.4	Mu.	251	110	[11] Separate threads give $22^{s}.79$, $21^{s}.72$. AW gives $21^{s}.8$.
10432	8	51.31	5	12	47	25.69	21	54	1.4	Tr.	262	40	
	10	51.35	4			25.88[12]			3.0	Mu.	277	12	[12] One of five threads rejected; R. A.=$25^{s}.50$.
10433	6.7	46.34	6	12	47	25.79	29	15	17.3	Mer.	15	28	
	7	47.38	3			25.92			18.0	Mu.	115	14	
	7	47.30	3			25.98[13]			17.7	Mer.	95	92	[13] R. A. decreased 1 min.
	7	49.38	2			25.99			15.8	Tr.	241	28	
	7	47.32	5			26.02			17.6	Mer.	97	3	
10434	9	49.24	2	12	47	31.53	30	38	52.0	Tr.	227	33	
	8	49.27	2			31.54			53.1	Tr.	232	53	
10435	10	49.22	3	12	47	32.12	32	52	8.5	Mu.	241	5	
	9.10	49.12	3			32.33			8.4	Mu.	225	42	
10436	10	47.34	2	12	47	39.47	26	36	17.7	Mer.	99	42	
	9	47.34	2			40.06			18.4	Mu.	113	49	
10437	8	46.30	5	12	47	42.42	40	10	60.5	Mer.	11	48	
	8	49.28	2			42.79[14]			59.8	Mu.	248	99	[14] One thread decreased 10 sec.
10438	9	49.28	1	12	47	43.02	39	55	35.9	Mu.	248	98	
10439	10	49.25	1	12	47	43.31	35	20	46.9	Mu.	244	113$_2$	
	10	49.22	1			43.36			44.9	Tr.	224	8	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
10440	7.8	49.24	2	12	47	53.74	30	40	3.5	Tr.	227	34	
	7	49.27	2			53.76			4.3	Tr.	232	54	
10441	..	52.35	4	12	48	7.67	19	24	1.6	Mer.	247	36	
10442	7	49.22	2	12	48	20.12	34	18	19.1	Mu.	239	12	
10443	9	49.22	1	12	48	21.63	34	49	11.0	Tr.	224	9	
	9.10	49.25	1			21.92			9.1	Mu.	244	113_3	
10444	9	49.24	2	12	48	24.25	39	26	40.8	Tr.	228	32	
	9	46.28	4			24.33			42.2	Tr.	6	43	
10445	6	49.22	4	12	48	26.83[1]	34	1	32.1	Mer.	170	4	[1] R. A. increased 1 min.
10446	7	49.28	4	12	48	26.92	25	38	46.0	Tr.	235	38	
	7	48.30	3			27.04[2]			44.6	Mu.	163	61	[2] R. A. decreased 1 min.
10447	9	48.30	3	12	48	28.48[3]	25	46	21.9	Mu.	163	62	[3] R. A. decreased 1 min.
10448	8	48.24	1	12	48	29.73	26	33	18.4	Mu.	161	63	
	8.9	47.34	1			29.82			21.6	Mu.	113	50	
	9	47.34	1			30.20			19.9	Mer.	99	43	
10449	9	46.34	2	12	48	30.13	29	11	23.9	Mer.	15	29	
10450	9	46.30	5	12	48	30.16	41	6	3.3	Mer.	13	39	
10451	9	49.28	2	12	48	39.69	25	9	1.5	Mer.	177	150	
10452	9	47.20	2	12	48	39.90	30	16	5.2	Mer.	88	66	
	9	49.24	4			40.10			9.4	Mu.	242	40	
10453	8	47.34	1	12	48	40.70	26	34	9.6	Mer.	99	44	
	7	48.24	1			40.99			5.8	Mu.	161	64	
	8	47.34	2			41.56			9.8	Mer.	98	22	
	6.7	47.34	2			41.63			10.3	Mu.	113	51	
	7	47.34	2			41.67			8.7	Mu.	112	32	
10454	7	49.29	2	12	48	41.47	23	38	12.7	Mer.	179	112	
	7.8	49.30	2			41.71			9.7	Tr.	238	80	
10455	11	49.25	2	12	48	45.24	24	34	26.2	Tr.	229	82	
10456	..	49.22	1	12	48	45.88	33	28	9.1	Mer.	170	5	
	10	49.22	3			46.06[4]			9.8	Mu.	241	6	[4] R. A. decreased 1 min.
	10	46.30	3			46.18			10.1	Tr.	14	53	
10457	7	49.25	3	12	48	50.13	38	58	19.8	Mer.	173	80	
10458	8	49.30	2	12	49	2.27	23	44	26.7	Tr.	238	81	
	7	49.29	2			2.31			29.3	Mer.	179	113	
10459	8	46.32	4	12	49	14.77	28	3	16.0	Tr.	16	19	
	8	48.34	3			14.84[5]			16.7	Mu.	164	15	[5] One of four threads rejected; R. A. = $13^s.67$.
	7	47.28	5			14.94			....	Mer.	92	75	
10460	8	49.24	3	12	49	18.16	32	20	32.0	Mer.	172	44	
	9	49.12	3			18.63[6]			31.1	Mu.	225	43	[6] One of four threads rejected; R. A. = $17^s.83$.
10461	9.10	49.22	1	12	49	23.87	33	3	31.8	Mu.	241	7	
	10	46.30	2			23.90			35.2	Tr.	14	54	
10462	9	47.34	1	12	49	27.35	31	29	9.2	Tr.	115	50	
	8	47.27	4			27.38			11.6	Mu.	108	18	
10463	5	51.31	5	12	49	33.60	21	56	27.6	Tr.	262	41	
	6	51.35	4			33.74[7]			25.3	Mu.	277	13	[7] One of five threads rejected; R. A. = $33^s.38$.
10464	9	49.24	2	12	49	34.51	30	17	16.3	Tr	227	35	
10465	11	47.28	1	12	49	35.12	28	6	....	Mer.	92	76	
10466	9	49.12	2	12	49	41.07	35	59	3.8	Tr.	214	21	
10467	8	49.26	3	12	49	43.52	38	6	27.7	Mu.	246	3	
10468	7	46.29	2	12	49	45.37[8]	38	27	12.9	Tr.	7	47	[8] One thread increased 10 sec.
	6	49.25	3			45.60			13.6	Mer.	173	81	
	8.9	49.26	1			45.62[9]			16.0	Mu.	246	4	[9] R. A. increased 10 sec.
10469	9	52.34	5	12	49	49.30	20	3	20.7	Mer.	246	17	
10470	10	49.12	1	12	49	50.47	32	33	37.2	Mu.	225	44	
10471	8.9	47.34	1	12	49	57.92	26	17	45.8	Mu.	113	52	
	9	47.34	2			58.24			44.5	Mer.	98	23	
10472	9	47.34	1	12	50	0.15	26	6	57.3	Mer.	98	24	
10473	9	49.28	1	12	50	5.43	27	27	56.5	Tr.	234	11	
	9	48.30	3			5.48			60.9[10]	Mer.	227	48	[10] Decl. changed one wire interval north.
10474	8	49.24	2	12	50	7.64	30	28	5.9	Tr.	227	36	
	8	49.27	3			8.00			5.0	Tr.	232	55	
10475	8	49.24	3	12	50	9.30	32	0	42.9[11]	Mer.	172	45	[11] Decl. changed one wire interval north.
10476	8	48.34	4	12	50	10.48	22	14	33.0	Mer.	122	32	
10477	8.9	47.20	1	12	50	15.40	30	11	12.8[12]	Mer.	88	67	[12] Decl. changed one rev. south.
	9	49.24	3			16.02			11.4	Mu.	242	41	
10478	8	49.25	3	12	50	16.50	24	21	12.7	Tr.	229	83	
	8.9	49.28	3			16.72[13]			12.4	Mu.	249	70	[13] One of four threads rejected; R. A. = $15^s.97$.
10479	7	52.35	5	12	50	18.55	19	34	12.9	Mer.	247	37	
10480	8	46.30	3	12	50	20.95	40	10	26.7	Mer.	11	49	
	8	49.28	2			21.41			25.8	Mu.	248	100	
10481	9	49.24	2	12	50	24.09	37	0	32.7	Mu.	243	43	
10482	6	49.25	2	12	50	25.23[14]	35	27	52.9	Mu.	244	113_4	[14] R. A. decreased one thread interval.
	9	46.29	4			25.93			47.5	Tr.	11	31	
10483	10	49.27	2	12	50	27.90	30	32	39.8	Tr.	232	56	
10484	10	49.22	1	12	50	30.56	35	11	31.9	Tr.	224	10	
10485	9.10	48.34	2	12	50	33.81	22	29	31.0[15]	Mer.	122	33	[15] Decl. changed two wire intervals north and one rev. south.
10486	7	46.29	2	12	50	34.36	38	17	36.2	Tr.	7	48	
	8	49.26	1			34.87			35.7	Mu.	246	5	
10487	9	49.24	2	12	50	37.13	39	16	53.3	Tr.	228	33	
10488	9	49.12	2	12	50	40.99	32	34	42.9	Mu.	225	45	
10489	9	46.30	3	12	50	45.71	40	10	48.7	Mer.	11	50	
	9	49.28	1			46.00			42.1	Mu.	248	101	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
10490	8	49.22	2	12	50	48.78	33	33	37.3	Mer.	170	6	
10491	6.7	47.34	3	12	50	49.26	29	11	15.0	Tr.	116	26	
	7	47.27	2			49.47			15.4	Mer.	91	96	
	7.8	46.34	4			49.49			13.2	Mer.	15	30	
	7	47.38	4			49.51			14.0	Mu.	115	15	
	7	49.38	2			49.55			12.6	Tr.	241	29	
	8	47.30	2			49.85			13.8	Mer.	95	93	
10492	10	51.35	5	12	50	57.49	21	37	47.2	Mu.	277	14	
10493	..	52.39	5	12	50	57.99	20	44	....	Tr.	278	1	
10494	10	47.32	3	12	51	2.79[1]	29	27	53.0	Mer.	97	4	[1] One of four threads rejected; R. A.=$3^s.52$.
	10	49.38	1			3.32			58.8	Tr.	241	30	
10495	9	47.34	4	12	51	2.81[2]	26	53	1.5	Mer.	99	45	[2] One of five threads rejected; R. A.=$1^s.81$.
10496	9	49.28	1	12	51	3.15	27	34	51.1	Tr.	234	12	
10497	..	47.27	1	12	51	18.25	28	39	55.9	Mer.	91	97	
	8	46.32	2			18.28			66.6[3]	Tr.	16	20	[3] If micrometer reading be assumed as 6.35 instead of 6.55 rev., as recorded, Decl.= 56″.5.
	8.9	46.34	2			18.35			58.4	Mer.	15	31	
10498	8	49.22	2	12	51	19.42	34	50	19.2	Mu.	239	13	
	9	49.22	2			19.59			16.9	Tr.	224	11	
10499	8	49.28	2	12	51	38.89	40	4	22.1	Mu.	248,	102	
10500	10	49.28	2	12	51	40.53[4]	25	34	56.6	Tr.	235	39	[4] R. A. increased 1 min.
10501	10	49.22	1	12	51	40.74[5]	34	49	21.7	Mu.	239	14	[5] R. A. increased 20 sec.
10502	8	46.30	2	12	51	43.25	40	43	37.4	Mer.	11	51[6]	[6] Unidentified. Looked for with equatorial but not found. If changed one wire interval north, Decl.=34′ 48″.8. Gou gives $36^s.7$, 46″.
10503	9	49.25	1	12	51	46.63	35	26	38.9	Mu.	244	113_6	
10504	7	49.25	1	12	51	46.83	35	22	17.8	Mu.	244	113_5	
	8	49.22	2			47.35			11.1	Tr.	224	12	
10505	9	52.39	5	12	51	49.81	20	34	26.2	Tr.	278	2	
10506	7	52.35	5	12	51	51.35	19	28	48.3	Mer.	247	38	
10507	8.9	46.30	5	12	51	53.88	41	41	25.5	Mer.	13	40	
10508	9	49.24	2	12	51	55.35[7]	32	9	43.6	Mer.	172	46	[7] Separate threads give $55^s.70$, $55^s.00$. GZ gives $55^s.7$.
10509	7	46.42	2	12	52	0.34	31	13	58.0	Mu.	19	1	
	8	47.23	2			0.43			63.3	Mer.	90	121	
	8.9	47.27	5			0.59			56.7	Mu.	108	19	
	8	47.34	2			0.61			53.3	Tr.	115	51	
10510	8	47.30	1	12	52	0.47	29	47.	29.0	Mer.	95	94	
	9	49.24	3			0.61			29.5	Mu.	242	42	
	9	47.29	2			0.75			29.4	Tr.	109	101	
	8	47.20	2			0.83			25.7	Mer.	88	68	
10511	9	52.39	5	12	52	1.58	20	30	38.4	Tr.	278	3	
10512	9	49.24	1	12	52	3.99	39	29	49.2	Tr.	228	35	
10513	7.8	49.29	2	12	52	11.26	23	6	9.0	Mu.	251	111	
10514	10	49.28	1	12	52	11.51	39	45	36.7	Mu.	248	103	
	9	49.24	1			11.82			37.0	Tr.	228	34	
10515	9	49.29	1	12	52	13.74	23	18	26.7	Mu.	251	112	
10516	9	47.34	1	12	52	14.98	26	18	59.1	Mu.	113	53	
10517	10	49.22	1	12	52	17.49	35	3	30.3	Tr.	224	13	
10518	9	47.34	1	12	52	18.04	31	7	2.1	Tr.	115	52	
	8.9	47.27	3			18.64			2.3	Mu.	108	20	
10519	7.8	49.12	3	12	52	20.86	32	41	31.4	Mu.	225	46	
10520	9	49.25	2	12	52	20.91	24	13	27.2	Tr.	229	84	
	9.10	49.28	2			21.04			31.5	Mu.	249	71	
10521	6	49.24	3	12	52	22.80	32	14	14.9	Mer.	172	47	
10522	9	46.30	3	12	52	24.68	33	21	45.3	Tr.	14	55	
	9	49.22	4			24.82			43.5	Mu.	241	8	
10523	10	46.29	2	12	52	24.96	38	28	59.1	Tr.	7	49	
	6	49.25	4			25.30			61.7	Mer.	173	82	
	9.10	49.26	3			25.40			65.0	Mu.	246	6	
10524	9	49.28	2	12	52	35.71	25	5	10.4	Mer.	177	151	
10525	12	46.29	3	12	52	40.96[8]	35	45	23.9	Tr.	11	32	[8] R. A. decreased 1 min.
10526	8	49.24	2	12	52	48.74	30	34	55.7	Tr.	227	37	
	9	49.27	3			48.81			53.5	Tr.	232	57	
10527	8.9	49.22	2	12	52	49.54	32	48	47.7	Mu.	241	9[9]	[9] "Tenth mag. precedes south."
	8	49.12	2			50.14			46.7	Mu.	225	48	
10528	8.9	49.12	3	12	52	52.44	32	40	5.5	Mu.	225	47	
10529	..	52.39	5	12	52	58.22	20	37	....	Tr.	278	5	
	8	52.39	5			58.37			1.2	Tr.	278	4	
10530	9	47.32	2	12	52	59.70	29	23	4.0	Mer.	97	5	
	10	49.38	2			59.80			2.8	Tr.	241	31	
10531	6	52.34	5	12	53	14.61	19	58	5.9	Mer.	246	18	
10532	8	49.22	3	12	53	17.21[10]	33	40	39.0	Mer.	170	7	[10] One of four threads rejected; R. A.=$18^s.31$.
10533	8	49.24	1	12	53	22.33	31	45	3.9	Mer.	172	48	
10534	8	48.24	2	12	53	25.24	26	33	27.0	Mu.	161	65	
	8	47.34	2			25.50			24.8	Mu.	113	54	
	7	47.34	2			25.61			23.7	Mu.	112	33	
	8	47.34	4			25.76			22.5	Mer.	99	46	
10535	6	46.29	2	12	53	26.67	38	48	23.6	Tr.	7	50	
	6	49.25	5			26.94			30.0	Mer.	173	83	
10536	10	51.35	5	12	53	29.94	21	37	38.7	Mu.	277	15	
	8	51.35	3			30.10			40.0	Mer.	240	2	
10537	6	49.29	5	12	53	32.87	23	51	21.8	Mer.	179	114	
	8	49.30	3			32.90			20.9	Tr.	238	82	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
10538	9	49.22	2	12	53	35.28	35	18	22.7	Tr.	224	14	
	8	49.25	2			35.39			21.7[1]	Mu.	244	1137	[1] Decl. changed five rev. north.
10539	8	47.20	3	12	53	37.76	30	1	17.5[2]	Mer.	88	69	[2] If micrometer reading be assumed as 46.32 instead of 46.52 rev., as recorded, Decl. = 24″.4.
	8	47.29	2			38.16			24.7	Tr.	109	102	
	8	49.24	5			38.22			24.5[3]	Mu.	242	43	
10540	8	49.24	2	12	54	11.09	36	38	18.0	Mu.	243	44	[3] Decl. changed one rev. north.
	10	49.12	2			11.15[4]			19.0	Tr.	214	22	[4] One of three threads rejected; R. A. = 10^s.42.
10541	11	49.27	1	12	54	12.53	30	14	50.6	Tr.	232	58	
10542	8.7	49.28	2	12	54	15.40	27	28	38.0	Tr.	234	13	
	4.5	48.30	7			15.65			40.5	Mer.	227	49	
10543	7.8	47.34	1	12	54	16.32	25	58	12.2	Mu.	113	55	
	8.9	48.30	3			16.44			12.4	Mu.	163	63	
10544	6	47.34	1	12	54	16.89[5]	28	27	22.3	Tr.	116	27	[5] R. A. decreased one thread interval.
	7	47.27	3			16.95			27.0	Mer.	91	98	
	7.8	48.34	4			16.96			26.8	Mu.	164	16	
	7	47.28	5			17. . .[6]			. . . .	Mer.	92	77	[6] R. A. decreased 1 min. and one thread interval. Separate threads give 17^s.13, 17^s.50, 17^s.90, 15^s.79, 16^s.05.
	7	46.32	4			17.05			23.7	Tr.	16	21	
10545	9	49.22	2	12	54	17.62	34	18	27.8	Mu.	239	15	
10546	8	49.22	2	12	54	18.20	33	54	25.2	Mer.	170	8	
10547	9	49.28	1	12	54	18.91	39	53	51.2	Mu.	248	104	
10548	9	49.22	1	12	54	20.01	34	3	5.3	Mer.	170	9	
10549	10	46.29	2	12	54	20.88	38	42	34.5	Tr.	7	51	
10550	9	49.24	3	12	54	25.02	30	58	16.4	Tr.	227	38	
	9	47.27	3			25.48			13.7	Mu.	108	21	
10551	8	49.28	1	12	54	28.82	40	6	57.0	Mu.	248	105	
10552	9	47.29	2	12	54	37.34	29	31	49.9	Tr.	109	103	
	8	49.38	2			37.35			51.5	Tr.	241	32	
	8	47.30	2			37.37[7]			45.3	Mer.	95	95	[7] Separate threads give 37^s.75, 37^s.00.
	9	47.32	2			37.52[8]			51.8	Mer.	97	6	[8] One of three threads rejected; R. A. = 36^s.53.
10553	9	49.28	1	12	54	38.03	27	37	51.9	Tr.	234	14	
	7	48.30	4			38.57			52.0	Mer.	227	50	
10554	9	47.34	3	12	54	38.13	26	12	5.1[9]	Mer.	98	25	[9] Decl. changed twenty rev. north. If micrometer reading be assumed as 27.028 instead of 27.28 rev., as recorded, Decl. = 13″.8. GZ gives 6″.
	. .	48.24	1			38.24			13.4	Mu.	161	66	
10555	10	49.28	2	12	54	40.03	25	42	47.6	Tr.	235	40	
10556	10	49.22	1	12	54	40.36	35	25	21.3	Tr.	224	15	
10557	9.10	49.22	1	12	54	46.57	33	29	2.6	Mu.	241	10	
	8	46.30	3			46.94			5.0	Tr.	14	56	
	6	49.22	1			47.22[10]			1.3	Mer.	170	10	[10] R. A. decreased 1 min.
10558	10	49.28	2	12	54	51.59	24	56	15.2	Mer.	177	152	
	10	49.30	1			52.13			20.0	Mu.	252	92	
10559	7.8	47.34	2	12	54	54.35	26	41	45.7	Mu.	112	34	
	9	47.34	5			54.63			40.5	Mer.	99	47	
10560	9	52.34	5	12	54	59.57	19	40	47.9	Mer.	246	19	
	8	52.35	5			59.69			48.3	Mer.	247	39	
10561	. .	49.29	2	12	55	2.95	23	20	29.5	Mer.	179	115	
	8	49.29	2			3.26			26.9	Mu.	251	113	
10562	8	52.39	5	12	55	11.65	20	24	13.2	Tr.	278	6	
	8	52.34	5			11.69			. . . .	Mer.	246	21	
10563	8	47.27	2	12	55	13. . .[11]	28	51	21.6	Mer.	91	99	[11] Separate threads give 14^s.94, 13^s.72.
	8	47.38	1			13.68			24.6	Mu.	115	16	
	7	46.34	4			13.82			19.3	Mer.	15	32	
	7	47.34	2			13.96			25.4	Tr.	116	28	
10564	9	49.26	4	12	55	15.72	38	9	36.7	Mu.	246	7	
10565	8	47.27	. .	12	55	17. . .	29	3	14.2	Mer.	91	100	
	9	47.32	2			17. . .[12]			4.6	Mer.	97	7	[12] Separate threads give 17^s.87, 16^s.81. Gou gives 17^s.7.
	9	46.34	6			17.65			3.2	Mer.	15	33	
	10	49.38	1			17.75			3.0	Tr.	241	33	
10566	7	46.30	2	12	55	22.79	40	2	35.2	Mer.	11	52	
	5.6	49.28	1			23.05			37.4	Mu.	248	106	
10567	8	49.28	1	12	55	30.41	25	33	58.0	Tr.	235	41	
10568	7	46.30	1	12	55	30.49	33	26	36.1	Tr.	14	57	
	6	49.22	2			30.53			37.0	Mer.	170	11	
10569	8	47.20	2	12	55	31. . .[13]	29	46	21.2[14]	Mer	88	70	[13] R. A. decreased two thread intervals. Separate threads give 31^s.14, 33^s.06. Bo VI gives 31^s.2.
	10	49.24	3			31.50			26.9	Mu.	242	44	
10570	9	47.28	2	12	55	31.63	28	22	. . . .	Mer.	92	78	
	11	46.32	1			31.72[15]			13.7	Tr.	16	22	[14] Decl. changed one wire interval north.
10571	5	52.35	5	12	55	44.62	19	46	39.5	Mer.	247	40	[15] R. A. increased 1 min. and decreased one thread interval.
	4	52.34	5			44.70			34.7	Mer.	246	20	
10572	7	49.28	3	12	55	46.84	24	59	44.6	Mer.	177	153	
	5.6	49.30	2			47.15			40.9	Mu.	252	93	
10573	10	49.29	1	12	55	47.24	23	41	38.7	Mer.	179	117	
10574	7	49.29	3	12	55	51.77	23	42	41.3	Mer.	179	116	
	9	49.30	3			52.27			41.0	Tr.	238	83	
10575	9	49.24	2	12	55	57.74	30	43	24.3	Tr.	227	39	
	10	49.27	2			57.98			18.2[16]	Tr.	232	59	[16] Decl. changed one rev. north.
10576	6.7	49.24	2	12	56	12.45	36	59	8.3	Mu.	243	45	
10577	10	49.25	3	12	56	14.73[17]	24	31	32.3	Tr.	229	85	[17] R. A. increased 10 sec.
	9.10	49.28	2			15.08			25.2	Mu.	249	72	
10578	6	48.30	3	12	56	15.29	27	35	47.5	Mer.	227	51	
	8	49.28	2			15.50			47.9	Tr.	234	15	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
10579	7	47.34	1	12	56	15.63	25	52	40.3	Mu.	113	56	
	9	48.30	2			16.16			39.4	Mu.	163	64	
10580	8	48.30	4	12	56	19.32	25	40	23.4	Mu.	163	65	
	8	49.28	2			19.70			26.3	Tr.	235	42	
10581	8.7	49.28	2	12	56	21.32	39	52	33.4	Mu.	248	107	
10582	6	46.30	4	12	56	22.38	40	23	17.8	Mer.	11	53	
10583	9	49.24	3	12	56	29.80	32	15	57.9	Mer.	172	49	
	9	49.12	1			30.27			58.8	Mu.	225	49	
10584	7	51.35	5	12	56	31.29	22	1	15.7	Mu.	277	16	
	7	51.31	5			31.46			16.7	Tr.	262	42	
10585	9	47.34	3	12	56	36.51	26	5	38.7	Mer.	98	26	
10586	9	49.12	2	12	56	36.66 [1]	32	19	48.7	Mu.	225	50	[1] Separate threads give $37^s.05$, $36^s.28$.
	7	49.24	3			36.87			50.3	Mer.	172	50	
10587	7	49.24	1	12	56	40.19	36	43	2.4	Mu.	243	46	
10588	10	46.30	2	12	56	43.19	40	58	5.2	Mer.	13	41	
10589	7	52.39	5	12	56	51.51	20	42	49.4	Tr.	278	9	
	..	52.39	5			51.53			....	Tr.	278	8	
	..	52.39	5			51.63			....	Tr.	278	7	
10590	8	47.34	1	12	56	51.60	26	17	48.3	Mu.	113	57	
10591	10	51.35	5	12	56	52.54	22	0	22.8	Mu.	277	17	
10592	10	51.31	5	12	56	52.68	21	46	0.4	Tr.	262	43	
10593	10	49.38	1	12	56	55.03	29	23	24.9	Tr.	241	34	
10594	8	49.28	2	12	57	3.32	27	42	40.2	Tr	234	16	
	7	48.30	3			3.48			39.4	Mer.	227	52	
10595	9	46.34	4	12	57	3.62	29	17	54.7	Mer.	15	34	
	11	49.38	1			3.87			46.3	Tr.	241	35	
10596	9	49.22	2	12	57	20.20	34	24	9.2	Mu.	239	16	
10597	9	49.30	1	12	57	26.72	25	12	48.1	Mu.	252	94	
10598	10	49.24	3	12	57	27.97	29	58	3.6	Mu.	242	45	
10599	7	49.22	3	12	57	29.35	34	18	20.8	Mu.	239	17	
10600	8	49.25	4	12	57	29.96	38	39	55.8	Mer.	173	84	
10601	..	51.35	5	12	57	33.66	21	15	....	Mer.	240	7	
	..	51.35	5			33.70			51.2	Mer.	240	3	
	..	51.35	5			33.72			....	Mer.	240	4	
	6	51.35	5			33.77			....	Mer.	240	5	
	..	51.35	5			33.80			....	Mer.	240	6	
10602	9	49.28	1	12	57	41.52	25	25	46.9	Mer.	177	154	
	9	49.28	1			41.90			49.7 [2]	Tr.	235	43	[2] Decl. changed one rev. south.
10603	10	49.24	3	12	57	41.60	29	57	37.4	Mu	242	46	
10604	10	49.27	2	12	57	44.90	30	45	16.6	Tr.	232	60	
	9	49.24	3			45.26			19.1	Tr.	227	40	
10605	8	49.25	2	12	57	45.77	38	39	32.1	Mer.	173	85	
	10	46.29	2			46.33 [3]			31.9 [4]	Tr.	7	52	[3] R. A. increased 30 sec.
10606	9	49.28	1	12	57	49.15	27	11	41.6	Tr.	234	17	[4] Decl. changed two rev. north.
	10	47.34	1			49.76			37.9	Mer.	99	48	
10607	10	49.29	2	12	58	1.88 [5]	22	51	19.4	Mu.	251	114	[5] Separate threads give $1^s.50$, $2^s.26$.
10608	8	49.30	1	12	58	3.88	25	11	59.1	Mu.	252	95	
	8	49.28	2			3.93			62.7	Mer.	177	155	
10609	6	46.30	3	12	58	6.67	40	47	1.1	Mer.	11	54	
10610	9	49.24	2	12	58	15.60	31	44	41.1	Mer.	172	51	
10611	7	49.27	2	12	58	24.43	30	48	17.3	Tr.	232	61	
	6.7	49.24	3			24.70			21.5	Tr.	227	41	
10612	8	52.35	5	12	58	24.80	19	15	16.3	Mer.	247	41	
10613	8	47.27	2	12	58	27.14	28	38	33.2	Mer.	91	101	
	9	46.34	4			27.20			36.4	Mer.	15	35	
	11	46.32	2			27.22			37.1	Tr.	16	33	
10614	6.7	49.24	2	12	58	32.94	36	44	42.3	Mu.	243	48	
10615	5	49.22	3	12	58	34.01	35	3	15.3	Tr.	224	16	
	3	49.25	4			34.45			16.1	Mu.	244	114	
10616	8	49.24	1	12	58	38.69	36	56	12.9	Mu.	243	47	
10617	8	52.39	5	12	58	40.11	20	22	46.9	Tr.	278	10	
	9	52.34	5			40.18			43.3	Mer.	246	22	
10618	11	46.29	2	12	58	40.60	35	27	33.0	Tr.	11	33	
10619	9	49.22	4	12	58	41.59	33	18	50.6	Mu.	241	11	
	7	46.30	2			41.98			48.3	Tr.	14	58	
10620	8	52.39	5	12	58	44.57	20	22	41.4	Tr.	278	11	
	9	52.34	5			44.72			33.4	Mer.	246	23	
10621	10	49.38	1	12	58	48.97	29	23	21.1	Tr.	241	36	
10622	7	52.35	5	12	59	3.53	19	20	12.1	Mer	247	42	
10623	8	47.34	2	12	59	5.79	26	59	30.7	Mu.	112	35	
	10	47.34	3			6.04			28.7	Mer.	99	49	
10624	9	49.24	3	12	59	19.68	31	37	25.4	Mer.	172	52	
	9.10	47.27	1			20.96			30.1	Mu.	108	22	
10625	10	49.12	2	12	59	22.01	32	20	46.6	Mu.	225	51	
10626	9	48.30	1	12	59	22.88	27	18	44.6	Mer.	227	53	
10627	7	49.25	2	12	59	23.67	39	14	27.3	Mer.	173	86	
	9.8	49.24	2			23.70			24.5	Tr.	228	36	
10628	8	49.38	2	12	59	25.93	29	37	51.9	Tr.	241	37	
	8.9	49.24	3			26.05			50.2	Mu.	242	47	
	9	47.32	4			26.14			51.8	Mer.	97	8	
	9	47.29	1			26.39			51.0	Tr.	109	104	
	8	47.30	1			26.99			48.2	Mer.	95	96	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
10629	8	49.22	2	12	59	35.41 [1]	34	22	14.5	Mu.	239	18	[1] One of three threads rejected; R. A.=$34^{s}.14$.
10630	9	46.32	1	12	59	36.14	28	40	13.4	Tr.	16	24	
	8	47.27	2			37.04			13.3	Mer.	91	102	
	8.9	46.34	4			37.25			14.8	Mer.	15	36	
10631	10	49.22	2	12	59	50.61	34	41	51.8	Tr.	224	17	
10632	7.8	47.41	2	13	0	0. . . [2]	27	24	5.7	Mu.	116	1	[2] Separate threads give $1^{s}.39$, $0^{s}.01$. Gou gives $1^{s}.1$.
	7	49.28	1			1.15			1.9	Tr.	234	18	
	7	48.30	3			1.17			5.8	Mer.	227	54	
10633	6.7	49.25	2	13	0	2.29	35	25	18.9	Mu.	244	115	
	7	49.22	2			2.50			19.5	Tr.	224	18	
10634	7	49.29	3	13	0	2.97	22	47	6.3	Tr.	237	72	
	10	48.34	2			3.56			3.8 [3]	Mer.	122	34	[3] Decl. changed one rev. south.
10635	. .	49.25	3	13	0	2.81	39	6	45.6	Mer.	173	87	
	9	49.24	1			3.18			46.1	Tr.	228	38	
10636	9.10	49.22	3	13	0	5.88	33	18	56.9	Mu.	241	12	
	8	46.30	2			6.03			52.9	Tr.	14	59	
10637	9.8	49.24	2	13	0	7.09	39	21	41.9	Tr.	228	37	
10638	10	49.25	3	13	0	7.87	24	25	54.7 [4]	Tr.	229	86	[4] Decl. changed one rev. north.
	9.10	49.28	3			8.17 [5]			52.2	Mu.	249	73	[5] One thread decreased 10 sec.
10639	6	49.24	1	13	0	13.37	37	17	27.9	Mu.	243	49	
10640	10	49.12	2	13	0	18.72 [6]	36	9	17.6	Tr.	214	23	[6] R. A. increased 1 min.
10641	. .	48.30	3	13	0	23.32	27	10	. . . .	Mer.	227	55	
	8	47.34	2			23.54			9.5	Mu.	112	36	
	9	49.28	1			23.80			12.5	Tr.	234	19	
10642	9	49.27	2	13	0	23.50	30	27	17.1	Tr.	232	62	
	9	49.24	2			23.62			20.2	Tr.	227	42	
10643	8	49.22	1	13	0	23.92	34	44	11.4	Mu.	239	19	
10644	9.10	46.34	2	13	0	29.23	29	14	28.3	Mer.	15	37	
10645	7	49.39	3	13	0	35.91 [7]	23	1	12.0	Mer.	183	1	[7] One thread increased one thread interval.
	7	49.29	1			36.18			9.5	Mu.	251	115	
10646	9.10	48.34	1	13	0	35.92 [8]	22	18	5.4	Mer.	122	35	[8] R. A. decreased one thread interval.
10647	10	46.30	2	13	0	41.47	33	32	45.7	Tr.	14	60	
	9	49.22	2			41.57			43.2	Mu.	241	13	
	7	49.22	7			41.78			42.0	Mer.	170	12	
10648	9	49.24	1	13	0	41.93	39	4	4.1	Tr.	228	39	
	. .	49.25	2			42.44			0.5	Mer.	173	88	
10649	8	49.12	4	13	0	43.43	32	41	56.4	Mu.	225	52	
10650	7	46.30	6	13	0	51.24	40	13	1.1 [9]	Mer.	11	55	[9] Decl. changed one wire interval north.
	7	49.28	4			51.40 [10]			0.6	Mu.	248	108	[10] Three threads increased 20 sec. each.
10651	8	47.28	3	13	0	58.21	28	14	. . . . [11]	Mer.	92	79	[11] Decl. changed ten rev. south.
	10	46.32	2			58.63			26.6	Tr.	16	25	
10652	5	49.29	3	13	0	59.10 [12]	22	18	55.8	Tr.	237	73	[12] R. A. decreased 1 min.
10653	9	47.27	4	13	1	4.12	31	13	3.7	Mu.	108	23	
	9	47.34	2			4.20			3.2	Tr.	115	53	
10654	9.10	49.28	1	13	1	10.01 [13]	24	24	38.5	Mu.	249	74	[13] R. A. decreased 10 sec.
	10	49.25	3			10.15			40.5	Tr.	229	87	
10655	7	47.34	2	13	1	10.33	26	55	33.1	Mu.	112	37	
	9	47.34	3			10.56			30.7 [14]	Mer.	99	50	[14] Decl. changed one rev. north.
10656	9.10	49.24	3	13	1	10.59	29	48	23.9	Mu.	242	48	
	9	47.32	1			10.75			28.7	Mer.	97	9	
10657	8	52.35	5	13	1	20.53	19	47	36.3	Mer.	247	43	
	9	52.34	5			20.55			33.1	Mer.	246	24	
10658	6.7	49.25	3	13	1	22.39	35	21	32.4	Mu.	244	116	
	8	49.22	2			22.52			30.3	Tr.	224	19	
10659	7	51.31	5	13	1	22.58	22	2	59.1	Tr.	262	44	
	8	51.35	5			22.67			57.5	Mu.	277	18	
10660	10	46.29	2	13	1	27.13	35	43	49.7	Tr.	11	34	
10661	7	52.35	5	13	1	29.31	19	19	18.0	Mer.	247	44	
10662	9	49.29	3	13	1	30.79	23	56	19.4	Mer.	179	118	
10663	. .	51.35	5	13	1	37.35	21	22	37.5	Mer.	240	8	
10664	8.9	47.27	3	13	1	58.71	31	17	35.4	Mu.	108	24	
	8	47.34	2			58.87			36.6	Tr.	115	54	
	8	46.42	2			58.88 [15]			36.7	Mu.	19	2	[15] R. A. increased one thread interval.
10665	8	49.22	4	13	2	1.34	33	58	41.5	Mer.	170	13	
10666	9	49.24	4	13	2	3.17	32	0	13.8	Mer.	172	53	
10667	7.8	49.30	1	13	2	3.74	24	44	9.2	Mu.	252	96	
	6	49.28	1			4. . .			9.1	Mer.	177	157	
	8	48.40	3			4.43 [16]			9.8	Mu	165	1	[16] One of four threads rejected; R. A.=$5^{s}.18$.
10668	8	49.29	2	13	2	4.50 [17]	22	36	48.5	Tr.	237	74	[17] R. A. decreased 1 min.
	10	48.34	1			4.95			40.9	Mer.	122	36	
10669	7	49.24	3	13	2	10.04	31	45	20.8	Mer.	172	54	
10670	9	49.28	4	13	2	14.40 [18]	24	13	42.4	Mu	249	75	[18] R. A. decreased 10 sec.
	9	49.25	3			14.87			44.8	Tr.	229	88	
10671	7	49.39	1	13	2	15.44	23	3	28.7 [19]	Mer.	183	2	[19] Decl. changed one wire interval south and one rev. north.
	8	49.29	1			15.58			38.1	Mu.	251	116	
10672	9	49.25	1	13	2	20.37	38	46	53.0	Mer.	173	90	
10673	8	49.22	1	13	2	20.50	34	14	26.5	Mu.	239	20	
10674	8	51.35	5	13	2	20.67	21	34	10.0	Mu.	277	19	
	8	51.35	4			20.95 [20]			9.6	Mer.	240	9	[20] One of five threads rejected; R. A.=$22^{s}.00$.
10675	10	49.24	2	13	2	21.47	30	40	9.7	Tr.	227	43	
	10	49.27	3			21.68			3.7	Tr.	232	63	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
10676	7	49.25	1	13	2	21.55	34	50	19.1	Mu.	244	117	
	10	49.22	1			21.76			18.9	Tr.	224	20	
10677	9	49.29	1	13	2	23.18	23	7	32.7	Mu.	251	117	
10678	8	49.28	4	13	2	24.20	25	5	19.5	Mer.	177	156	
	7.8	49.30	1			24.43			17.8	Mu.	252	97	
	9	48.40	1			24.54			18.0	Mu.	165	2	
10679	8	49.25	2	13	2	24.97	38	41	22.9[1]	Mer.	173	89	[1] Decl. changed one wire interval south and one rev. north.
10680	8	48.30	3	13	2	30.14	27	30	6.2	Mer.	227	56	
10681	7.8	46.38	7	13	2	37.29	41	25	54.2[2]	Mer.	16	1	[2] Decl. changed one wire interval south.
10682	7	49.29	1	13	2	38.84	23	33	16.3	Mer.	179	120	
10683	9	47.20	1	13	2	41.22[3]	29	44	23.2[4]	Mer.	88	71	[3] R. A. decreased two thread intervals.
10684	7	49.29	1	13	2	43.55	23	22	40.1	Mu.	251	118	[4] If micrometer reading be assumed as 40.015 instead of 40.515 rev., as recorded, Decl. = 40″.4. GZ gives 42″.
10685	7.8	46.30	3	13	2	45.17	40	37	13.8	Mer.	11	56	
10686	9	49.26	5	13	2	47.66	38	12	7.8	Mu.	246	8	
10687	9	49.28	2	13	2	48.20	25	44	6.5	Tr.	235	44	
10688	10	49.28	1	13	2	53.26	40	12	34.1	Mu.	248	109	
10689	9	49.24	2	13	3	1.82	30	19	18.4	Mu.	242	49	
	..	47.20	1			2.08			14.7	Mer.	88	72	
10690	8	52.39	5	13	3	2.65	20	34	24.2	Tr.	278	12	
10691	8	47.28	2	13	3	3.49	28	1	....	Mer.	92	80	
	9.10	48.34	2			3.50			57.6[5]	Mu.	164	17	[5] Decl. changed five rev. south.
10692	5	49.22	1	13	3	9.74	34	19	47.6	Mu.	239	21	
10693	9	47.32	2	13	3	12.96[6]	29	23	34.3	Mer.	97	10	[6] One of three threads rejected; R. A. = $11^{s}.97$.
	10	49.38	2			12.96			30.6	Tr.	241	38	
10694	8	49.12	3	13	3	18.67	36	35	52.2	Tr.	214	24	
10695	9	49.24	1	13	3	22.14	37	15	40.0	Mu.	243	51	
10696	9	49.22	1	13	3	23.25	34	48	58.6	Tr.	224	21	
	9	49.25	1			24.64			61.9	Mu.	244	118	
10697	11	49.28	1	13	3	24.11	40	13	43.8	Mu.	248	110	
10698	7	49.28	4	13	3	30.43	25	45	11.2	Tr.	235	45	
	6.7	48.30	7			30.66			9.1	Mu.	163	66	
10699	10	49.27	2	13	3	32.98	30	32	1.5	Tr.	232	64	
	10	49.24	2			33.11			6.4	Tr.	227	44	
10700	8	49.24	2	13	3	38.22	31	44	31.1	Mer.	172	55	
10701	3.2	49.24	2	13	3	42.39	37	0	21.0	Mu.	243	50	
10702	7	49.29	2	13	3	46.76	23	46	14.8	Mer.	179	119	
10703	8	49.24	1	13	3	55.37	31	39	15.2	Mer.	172	56	
	..	47.27	1			55.86			14.6	Mu.	108	25	
10704	8	49.25	3	13	4	6.72	38	53	37.8	Mer.	173	91	
10705	7	52.34	5	13	4	7.25	20	5	8.0	Mer.	246	25	
10706	8	47.28	2	13	4	9. . .[7]	28	12	....	Mer.	92	81	[7] Separate threads give $9^{s}.76$, $8^{s}.65$. GZ gives $9^{s}.4$.
10707	9	47.20	2	13	4	10.44	30	15	56.2	Mer.	88	73	
	8.9	49.24	3			10.64			53.7	Mu.	242	50	
10708	9	49.24	2	13	4	11.36	39	25	33.8	Tr.	228	40	
10709	9	49.38	2	13	4	12.14	29	30	16.9	Tr.	241	39	
	8	47.32	3			12.74			16.4	Mer.	97	11	
10710	8	49.22	6	13	4	14.10	33	56	13.7[8]	Mer.	170	14	[8] If micrometer reading be assumed as 36.58 instead of 36.88 rev., as recorded, Decl. = 24″. GZ gives 25″.
10711	7.8	46.38	2	13	4	16.40	41	54	8.4[9]	Mer.	19	1	
10712	10	49.28	1	13	4	21.06	39	56	48.6	Mu.	248	111	
10713	9.10	48.30	1	13	4	28.13	25	28	36.9	Mu.	163	67	[9] Decl. changed eleven rev. north.
10714	8	47.27	4	13	4	29.45	31	3	43.1	Mu.	108	26	
	5	46.42	4			29.47			42.7	Mu.	19	3	
	6	47.34	2			29.61[10]			42.3	Tr.	115	55	[10] One of three threads rejected; R. A. = $28^{s}.66$.
10715	9	49.27	1	13	4	33.29	30	8	9.4	Tr.	232	65	
	9	49.24	2			33.91			7.3	Mu.	242	51	
10716	11	49.24	2	13	4	38.89	30	44	49.4	Tr.	227	45	
10717	9	47.20	..	13	4	40. . .	29	55	8.7	Mer.	88	74	
	8.9	49.24	..			40. . .			11.0	Mu.	242	52	
10718	9	51.35	3	13	4	41.77[11]	21	5	21.5	Mer.	240	10	[11] Two of five threads rejected; R. A. = $41^{s}.13$, $40^{s}.45$.
10719	7	47.28	1	13	4	42.75[12]	28	18	....	Mer.	92	82	
	9	46.32	3			45.28			1.6	Tr.	16	26	[12] Minute assumed.
	9	48.34	5			45.38			6.3	Mu.	164	18	
10720	9	49.22	1	13	4	50.69	34	12	1.2	Mer.	170	15	
	9	49.22	1			50.73			0.4	Mu.	239	22	
10721	10.11	49.22	2	13	4	52.88[13]	32	49	4.4	Mu.	241	14	[13] One of three threads rejected; R. A. = $51^{s}.25$.
	10	49.12	1			53.14			2.9	Mu.	225	53	
10722	9.10	49.24	1	13	4	55.17	39	43	23.3	Tr.	228	41	
10723	9	46.34	3	13	5	0.93	29	18	25.8	Mer.	15	38	
10724	8	49.29	2	13	5	6.50	22	8	9.6	Tr.	237	75	
	9.10	48.34	2			6.67			3.5	Mer.	122	37	
	7	51.35	5			6.77			4.8	Mu.	277	20	
10725	10	48.30	3	13	5	9.18[14]	27	18	....	Mer.	227	57	[14] One of four threads rejected; R. A. = $8^{s}.48$.
10726	6	46.29	7	13	5	13.48	44	22	58.1	Mer.	5	16	
10727	9	49.22	2	13	5	19 81	35	8	50.4	Tr.	224	22	
	8.7	49.25	2			20.09			53.2	Mu.	244	119	
10728	9	49.28	3	13	5	20.60	24	57	4.3	Mer.	177	158	
10729	9	49.25	3	13	5	24.41	38	57	50.6	Mer.	173	92	
10730	7	49.22	2	13	5	27.44	33	52	40.8	Mer.	170	16	
10731	8	49.28	3	13	5	34.41	25	42	55.6	Tr.	235	46	
	9	48.30	2			34.51			57.5	Mu.	163	68	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
10732	8	49.22	2	13	5	35.85	34	21	18.6	Mu.	239	23	
10733	7.8	47.34	2	13	5	36.05	26	49	54.7	Mu.	112	38	
	8	47.34	2			37.29[1]			52.0	Mer.	99	51	[1] One of three threads rejected; R. A. = $35^{s}.90$. Gou gives $36^{s}.0$.
10734	8	46.30	3	13	5	44.16[2]	40	24	53.1	Mer.	11	57	
	9	49.28	1			44.31			50.9	Mu.	248	112	[2] One of four threads rejected; R. A. = $43^{s}.42$.
10735	9	49.12	2	13	5	44.19	32	35	26.4	Mu.	225	54	
10736	9	46.38	3	13	5	45.39	42	3	15.6	Mer.	19	2	
10737	9.10	47.27	2	13	5	46.95	31	27	23.0	Mu.	108	27	
10738	9	49.22	1	13	5	49.36	33	53	19.7	Mer.	170	17	
10739	8.9	46.34	6	13	5	50.59	29	4	36.8	Mer.	15	39	
	9	47.27	2			50.95[3]			41.7[4]	Mer.	91	103	[3] One thread decreased one thread interval.
10740	8	47.34	2	13	5	53.27	26	54	61.9	Mu.	112	39	[4] Decl. changed one wire interval south.
	8	47.34	3			54.50			58.6	Mer.	99	52	
10741	9	49.27	2	13	5	54.32	30	48	43.8	Tr.	232	66	
10742	7	51.35	5	13	5	55.98	21	33	50.2	Mu.	277	21	
	8	51.35	5			56.23			48.3	Mer.	240	11	
10743	9	46.38	5	13	6	1.19	41	24	18.5	Mer.	16	2	
10744	9	49.22	1	13	6	2.22	34	38	30.9	Tr.	224	23	
10745	9.10	49.22	2	13	6	6.43[5]	33	8	0.2	Mu.	241	15	[5] R. A. increased 1 min.
10746	9	47.28	1	13	6	9.26	28	28	....	Mer.	92	83	
10747	9.10	49.22	2	13	6	9.44	33	15	15.4	Mu.	241	16	
10748	9	49.25	3	13	6	10.49	24	24	59.1	Tr.	229	89	
	9.10	49.28	4			10.62			63.2	Mu.	249	76	
10749	8	49.26	4	13	6	12.33[6]	37	51	19.9	Mu.	246	9	[6] One of five threads rejected; R. A. = $11^{s}.45$.
10750	8	52.39	4	13	6	19.42[7]	20	42	14.9	Tr.	278	13	[7] One of five threads rejected; R. A. = $18^{s}.98$.
10751	6	49.39	7	13	6	20.47	23	29	18.7	Mer.	183	3	
	5	49.29	5			20.78			17.8	Mer.	179	121	
10752	8	48.30	2	13	6	20.81	27	44	24.1[8]	Mer.	227	58	[8] Decl. changed one wire interval south.
	8	47.41	5			20.96			20.3	Mu.	116	2	
	9	48.34	2			21.21[9]			20.7	Mu.	164	19	[9] R. A. decreased 1 min.
10753	8	49.24	3	13	6	24.97	31	48	48.4	Mer.	172	57	
10754	10	49.24	2	13	6	30.38	30	45	7.2	Tr.	227	46	
	9	49.27	2			30.54			3.0	Tr.	232	67	
10755	6	49.22	2	13	6	32.58[10]	33	50	7.0	Mer.	170	18	[10] R. A. decreased one thread interval.
10756	9	49.25	1	13	6	41.95	38	50	44.8	Mer.	173	93	
10757	8	49.24	2	13	6	43.50	39	35	34.1	Tr.	228	42	
10758	8	46.29	4	13	6	44.81	35	34	27.6	Tr.	11	35	
10759	7	49.39	1	13	6	47.41[11]	23	3	20.5[12]	Mer.	183	4	[11] R. A. decreased one thread interval.
	7	49.29	2			47.78			22.3	Mu.	251	119	[12] Decl. changed one rev. north.
10760	7	49.24	3	13	6	47.70	36	37	43.9	Mu.	243	52	
10761	8	52.39	5	13	6	48.53	20	34	17.5	Tr.	278	14	
10762	7	47.38	3	13	6	48.81	29	23	5.9	Mu.	115	17	
	7	47.32	7			48.81			6.0	Mer.	97	12	
	9	49.38	2			48.90			3.1	Tr.	241	40	
10763	10	49.28	1	13	6	52.85	24	5	33.5	Mu.	249	77	
	10	49.29	2			53.05			36.5	Mer.	179	122	
10764	9	49.22	1	13	6	53.58	33	21	26.6	Mu.	241	17	
10765	9	49.25	1	13	6	57.72	38	53	42.8	Mer.	173	94	
10766	8	49.28	1	13	7	3.69	40	20	46.0	Mu.	248	113	
	8	46.30	1			3.80			49.8	Mer.	11	58	
10767	10	49.24	1	13	7	7.64	29	45	39.4	Mu.	242	53	
	9	47.20	1			8.40			37.4	Mer.	88	75	
10768	10	49.24	1	13	7	8.56	39	39	12.0	Tr.	228	43	
10769	8	52.39	5	13	7	10.67	20	46	12.0	Tr.	278	15	
10770	9	46.38	2	13	7	11.59[13]	41	15	33.3	Mer.	16	3	[13] R. A. increased 10 sec.
10771	7	49.39	2	13	7	12.70	23	12	....	Mer.	183	5	
	8	49.29	2			12.80			19.2	Mu.	251	120	
10772	10	49.22	1	13	7	14.49	33	19	48.2	Mu.	241	18	
10773	9	49.24	1	13	7	17.72	39	15	33.6	Tr.	228	44	
10774	8	47.34	1	13	7	18.63	26	39	2.7	Mu.	112	40	
10775	9.10	48.40	2	13	7	20.65	25	0	43.3	Mu.	165	3	
	8	49.28	4			20.71			42.2	Mer.	177	159	
	9	49.26	1			20.82			43.6	Tr.	231	1	
10776	10	49.28	1	13	7	27.42	25	30	50.4	Tr.	235	47	
10777	9.10	48.34	1	13	7	28.25	28	23	25.8	Mu.	164	20	
	9	47.28	3			28.56			....	Mer.	92	84	
10778	8	47.27	3	13	7	32.94	28	42	26.8	Mer.	91	104	
	8	46.34	6			33.57			27.5	Mer.	15	40	
10779	9	49.22	1	13	7	41.36	34	18	46.1	Mu.	239	24	
10780	10	49.29	1	13	7	50.57	23	22	47.5	Mu.	251	121	
10781	9	52.34	5	13	7	51.57	20	8	1.7	Mer.	246	26	
10782	9	49.28	3	13	7	53.65	25	21	57.3	Mer.	177	160	
10783	7	51.35	4	13	8	1.79[14]	21	7	17.7	Mer.	240	12	[14] One of five threads rejected; R. A. = $1^{s}.35$.
10784	9	49.12	3	13	8	4.62	32	29	27.6[15]	Mu.	225	55	[15] Decl. changed ten rev. north.
10785	9	52.34	5	13	8	5.39	19	48	8.3	Mer.	246	27	
10786	10	49.29	3	13	8	7.26	22	45	12.1	Tr.	237	76	
	10	48.34	2			7.50			10.8	Mer.	122	38	
10787	7	49.22	2	13	8	7.78	33	28	26.7	Mer.	170	19	[16] If micrometer reading be assumed as 8.858 instead of 8.658 rev., as recorded, Decl. = $22''.7$.
10788	6	49.28	2	13	8	11.82	40	29	35.3[16]	Mu.	248	114	
	7	46.30	4			11.86			17.7	Mer.	11	59	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
10789	8	47.34	1	13	8	13.97	27	16	15.8	Mu.	112	41	
	9.10	47.41	1			14.31			12.3	Mu.	116	3	
	8	48.30	3			14.42			10.7 [1]	Mer.	227	59	[1] Decl. changed one rev. north.
	9	47.34	1			14.76			15.7	Mer.	99	53	
10790	9.10	49.26	5	13	8	17.25	38	17	55.1	Mu.	246	10	
10791	10	49.24	2	13	8	20.79 [2]	30	31	36.5	Tr.	227	47	[2] One of three threads rejected; R. A.=20^{s}.01.
10792	8.9	46.34	2	13	8	29.23	29	17	19.3	Mer.	15	41	
10793	9.10	48.30	1	13	8	30.12	25	50	40.8	Mu.	163	69	
	9	49.28	2			30.36			37.0	Tr.	235	48	
10794	8	49.22	2	13	8	31. . . [3]	33	48	13.5	Mer.	170	20	[3] Separate threads give 32^{s}.49, 31^{s}.49. Gou gives 31^{s}.4.
10795	5	49.27	3	13	8	33.91	30	42	37.7	Tr.	232	68	
	5	49.24	1			34.25			37.4	Tr.	227	48	
10796	. .	47.20	2	13	8	35. . . [4]	29	47	49.6	Mer.	88	76	[4] Separate threads give 34^{s}.98, 36^{s}.39. Gou gives 35^{s}.9.
	7	47.32	3			35.96			56.2	Mer.	97	13	
	8	49.24	5			36.09			52.4	Mu.	242	54	
10797	7	51.35	5	13	8	41.50	20	59	42.0	Mer.	240	13	
10798	10	49.28	1	13	8	53.47	25	22	53.6	Mer.	177	161	
10799	9	49.12	2	13	8	54.33	32	35	59.8	Mu.	225	56	
10800	9	51.35	5	13	8	55.18	21	14	8.5	Mer.	240	14	
10801	8	49.24	2	13	8	58.77	31	48	21.3	Mer.	172	58	
10802	9	49.25	4	13	9	2.34	24	14	3.6	Tr.	229	90	
	9	49.28	4			2.36			6.7	Mu.	249	78	
10803	8	46.40	2	13	9	10.95	36	13	28.9	Mu.	16	1	
10804	10	47.28	1	13	9	15.87	28	13	. . . .	Mer.	92	85	
10805	7	52.39	5	13	9	18.61	20	44	42.4	Tr.	278	16	
10806	10	51.35	4	13	9	19.75 [5]	21	57	20.0	Mu.	277	22	[5] One of five threads rejected; R. A.=19^{s}.34
10807	10	49.29	3	13	9	20.31	22	18	47.5	Tr.	237	77	
	10	48.34	2			20.63			43.1	Mer.	122	39	
10808	9	49.38	1	13	9	23.97	29	36	28.5	Tr.	241	41	
	9	47.32	3			24. . . [6]			31.5	Mer.	97	14	[6] Separate threads give 25^{s}.03, 23^{s}.26, 24^{s}.22.
10809	7	49.28	1	13	9	29.16	24	42	12.0	Mer.	177	162	
10810	9	52.34	5	13	9	33.97	19	43	0.7	Mer.	246	28	
10811	9	49.12	3	13	9	34.56	32	37	42.1	Mu.	225	57	
10812	10	49.22	2	13	9	37.29	33	19	49.1	Mu.	241	19	
10813	10	52.39	4	13	9	40.19 [7]	20	39	53.9	Tr.	278	17	[7] One of five threads rejected; R. A.=39^{s}.66.
10814	8	49.22	1	13	9	43.98	33	52	6.5	Mer.	170	21	
10815	9	49.29	1	13	9	44.49	23	31	39.5	Mu.	251	122	
	10	49.29	3			44.78			37.8	Mer.	179	123	
10816	8.9	49.24	4	13	9	47.31	29	56	23.7	Mu.	242	55	
	8	47.20	1			47.81			26.0	Mer.	88	77	
10817	9	49.29	1	13	9	53.58	23	22	3.1	Mu.	251	123	
	9	49.29	2			54.43			3.3	Mer.	179	124	
10818	8	49.22	2	13	9	59.19	33	48	24.4	Mer.	170	22	
10819	9	47.34	1	13	10	3.02	26	2	58.3	Mu.	113	58	
	8	47.34	1			3.28			60.6	Mer.	98	27	
	8	49.28	2			3.46			58.8	Tr.	235	49	
	9.10	48.30	1			3.54			59.3	Mu.	163	70	
10820	7	49.28	2	13	10	7. . . [8]	24	43	44.4	Mer.	177	163	[8] If second thread be increased 10 sec., separate threads give 9^{s}.33, 7^{s}.96.
	9	49.28	2			7.84			43.2	Mu.	249	79	
	9	49.26	2			7.89			46.0	Tr.	231	2	
	8.9	48.40	3			8.15			46.6	Mu.	165	4	
10821	7	48.30	2	13	10	9.57 [9]	27	32	10.1	Mer.	227	60	[9] One thread increased one thread interval.
	6.7	47.41	4			9.60			13.6	Mu.	116	4	
10822	9	47.27	2	13	10	10.77	31	18	46.3	Mu.	108	28	
10823	9.10	47.27	1	13	10	12.53	31	20	15.6	Mu.	108	29	
10824	9	49.24	2	13	10	16.23	32	17	50.1	Mer.	172	59	
	9	49.12	1			16.74			48.7	Mu.	225	58	
10825	9	47.28	1	13	10	28.87	27	52	. . . .	Mer.	92	86	
	9	48.34	2			29.26			49.4	Mu.	164	21	
	10	47.41	1			29.51			52.4	Mu.	116	5	
10826	9	49.24	1	13	10	33.73	39	22	11.1	Tr.	228	45	
10827	9	49.24	3	13	10	38.18	36	52	32.8	Mu.	243	53	
10828	7.8	47.28	1	13	10	42.75	27	59	. . . .	Mer.	92	87	
	8.9	48.34	3			42.85			33.3	Mu.	164	22	
	9	46.32	2			43.06			36.5	Tr.	16	27	
10829	8	49.22	1	13	10	43.30	33	47	38.0	Mer.	170	23	
10830	3.4	48.34	4	13	10	46.62	22	22	43.3	Mer.	122	40	
	5	49.29	5			46.63			46.1	Tr.	237	78	
10831	7	49.28	2	13	10	47.47	24	48	12.5	Mer.	177	164	
	8.9	48.40	3			47.64			12.4	Mu.	165	5	
	9	49.26	2			47.81			10.4	Tr.	231	3	
10832	9	49.25	2	13	10	48.37	24	27	25.3	Tr.	229	91	
	10	49.28	1			48.38			30.9	Mu.	249	80	
10833	9.10	49.28	1	13	10	55.34	24	17	32.2	Mu.	249	81	
	9	49.25	3			55.75			30.9	Tr.	229	92	
10834	9	47.20	1	13	10	57.44	30	5	44.4	Mer.	88	78	
	8	49.27	2			57.52 [10]			42.0	Tr.	232	69	[10] One thread increased 10 sec.
	8	49.24	4			57.64			43.1	Mu.	242	56	
10835	9	49.29	3	13	11	12.86	23	49	41.2	Mer.	179	125	
10836	8	49.28	2	13	11	14.47	25	25	51.1	Tr.	235	50	
	9	48.30	2			14.68			47.0	Mu.	163	71	

NO.	MAG.	DATE	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE	NO.	NOTES.
		1800+		h	m	s	°	′	″				
10837	9	49.38	2	13	11	24.80	29	32	30.5	Tr.	241	42	
	8	47.32	4			24.83			32.8	Mer.	97	15	
	7.8	47.38	1			25.24			30.8	Mu.	115	18	
10838	7	46.30	7	13	11	25.48[1]	40	24	1.0	Mer.	11	60	[1] "Minute doubtful." R. A. increased 2 min.
	6	49.28	1			25.95			1.8	Mu.	248	115	
10839	8	49.28	1	13	11	28.86[2]	24	52	20.7	Mer.	177	165	[2] R. A. increased 10 sec.
	8.9	48.40	2			28.99			19.9	Mu.	165	6	
	9	49.26	2			29.05			18.0	Tr.	231	4	
10840	8	49.22	2	13	11	40.14	33	47	21.2	Mer.	170	24	
10841	8	49.28	2	13	11	47.56	40	10	11.8	Mu.	248	116	
10842	9	49.22	4	13	12	6.33	32	52	7.7	Mu.	241	20	
	9	49.12	3			6.37			6.3	Mu.	225	59	
10843	9	49.29	2	13	12	8.90	23	43	6.0	Mer.	179	126	
10844	4.5	46.29	4	13	12	10.96	35	55	8.0	Tr.	11	36	
	3	46.40	4			11.41			7.6	Mu.	16	2	
10845	9	47.34	1	13	12	13.02	26	27	17.3	Mu.	113	60	
	9	47.34	2			14.24			16.4	Mer.	98	28	
10846	10	49.25	2	13	12	14.72	35	3	47.6	Mu.	244	120	
10847	7	47.34	1	13	12	15.18	26	37	8.8	Mu.	113	59	
	7	47.34	3			15.58			10.9	Mu.	112	42	
	8	47.34	3			16.00[3]			6.4	Mer.	99	54	[3] One of four threads rejected; R. A.=$15^{s}.14$.
	8	47.34	3			16.06			10.9	Mer.	98	29	
10848	9	46.40	1	13	12	21.70	28	46	30.8	Mer.	23	1	
	8	46.34	4			21.75[4]			32.6	Mer.	15	42	[4] One of five threads rejected; R. A.=$22^{s}.94$.
10849	8	51.35	5	13	12	23.84	21	20	43.6	Mer.	240	15	
10850	6.7	52.34	5	13	12	24.34	20	5	20.8	Mer.	246	29	
10851	9	52.40	5	13	12	29.07	19	34	56.3	Tr.	279	1	
10852	9	49.24	2	13	12	32.82	39	32	46.5	Tr.	228	46	
10853	8	49.25	2	13	12	34.23	39	11	11.5	Mer.	173	95	
10854	8.9	48.34	2	13	12	35.98	22	58	23.0	Mer.	122	41	
	6	49.39	7			36.66			24.7	Mer.	183	6	
	6.7	49.29	2			36.73			22.7	Mu.	251	124	
10855	9.10	47.41	1	13	12	42.30	27	22	57.5	Mu.	116	6	
10856	9	47.34	1	13	12	45.42[5]	26	39	7.6	Mer.	99	55	[5] Minute assumed.
10857	9	49.24	2	13	12	47.11	39	12	1.7	Tr.	228	47	
	7	49.25	3			47.35			1.3	Mer.	173	96	
10858	9.10	47.27	1	13	12	50.07[6]	31	27	4.9[7]	Mu.	108	30	[6] R. A. decreased one thread interval.
10859	7	49.29	3	13	12	54.59	23	40	51.0	Mer.	179	127	[7] Decl. changed five rev. north.
10860	7	51.35	5	13	12	55.19	21	35	38.9	Mer.	240	16	
	7	51.35	5			55.26			36.9	Mu.	277	23	
10861	8	47.27	2	13	12	55. . .[8]	28	39	2.9	Mer.	91	105	[8] R. A. increased 1 min. Separate threads give $56^{s}.46$, $55^{s}.23$.
	8.9	46.40	3			55.36			3.1	Mer.	23	2	
	8	46.34	5			55.66			2.3	Mer.	15	43	
	9	46.32	2			55.67[9]			3.7	Tr.	16	28	[9] R. A. decreased one thread interval.
10862	6	51.35	5	13	12	59.24	21	1	2.2	Mer.	240	17	
10863	10	49.22	1	13	12	59.71	33	11	0.3	Mu.	241	21	
10864	9.10	47.27	1	13	13	0.78[10]	31	25	29.4[11]	Mu.	108	31	[10] R. A. decreased one thread interval.
10865	9.10	47.27	1	13	13	2.78[10]	31	27	22.1[11]	Mu.	108	32	[11] Decl. changed five rev. north.
10866	9.10	46.38	6	13	13	4.13	41	20	31.9	Mer.	16	4	
10867	12	46.29	1	13	13	9.59	35	45	38.2	Tr.	11	37	
10868	8	49.22	3	13	13	14.53	34	6	28.8	Mu.	239	25	
	8	49.22	3			14.67			27.5	Mer.	170	25	
10869	6	51.35	5	13	13	15.37	22	0	24.7	Mu.	277	24	
10870	9	49.24	2	13	13	16.15	30	24	24.2	Tr.	227	49	
	10	49.27	2			16.42			15.9[12]	Tr.	232	70	[12] Decl. changed one wire interval north.
10871	9.10	46.38	2	13	13	20.09	42	15	46.2	Mer.	19	3	
10872	7	49.29	1	13	13	20.64	24	8	31.3	Mer.	179	128	
	9	49.28	5			20.74			32.5	Mu.	249	82	
	9	49.25	3			20.75			28.5	Tr.	229	93	
10873	8	49.22	2	13	13	21.84	35	19	26.0	Tr	224	24	
	8	49.25	1			21.98			23.6	Mu.	244	121	
10874	8	49.26	5	13	13	24.18	38	3	52.7	Mu.	246	11	
10875	10	49.38	1	13	13	28.29	29	26	7.7	Tr.	241	43	
10876	8	49.24	3	13	13	32.52	31	36	36.7	Mer.	172	60	
10877	9.10	47.28	2	13	13	43.52[13]	28	9	. . . .	Mer.	92	88	[13] R. A. increased one thread interval.
10878	10	49.24	1	13	13	44.50	39	32	13.6	Tr.	228	48	
10879	10	49.24	2	13	13	44.76	37	4	28.4	Mu.	243	54	
10880	10	49.22	1	13	13	45.57	34	54	34.0	Tr.	224	25	
	9	49.25	1			46.05			35.3	Mu.	244	122	
10881	10	49.24	2	13	13	49.03	30	52	56.6	Tr.	227	50	
10882	9.10	49.12	2	13	13	56.49	32	51	36.5	Mu.	225	60	
10883	9	47.27	. .	13	13	57. . .	31	34	37.6	Mu.	108	33	
	. .	46.42	1			57.28			. . . .	Mu.	19	4	
	7	49.24	3			57.92			37.3	Mer.	172	61	
10884	10	49.22	2	13	13	58. . .[14]	33	9	50.7	Mu.	241	22	[14] Separate threads give $58^{s}.12$, $59^{s}.08$.
10885	8	47.20	3	13	14	6.89	30	1	10.2	Mer.	88	79	
	9	49.24	5			7.08			11.9	Mu.	242	57	
10886	9.10	47.41	1	13	14	8.82	27	35	51.9	Mu.	116	7	
10887	8	52.34	5	13	14	12.86	20	4	30.4	Mer.	246	30	
10888	8	49.26	2	13	14	15.82	25	3	14.3	Tr.	231	5	
	6	49.28	5			15.96			14.7	Mer.	177	166	
	8	48.40	4			16.48			14.8	Mu.	165	7	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
	•	1800+		h	m	s	°	′	″				
10889	8	49.24	2	13	14	16.69	32	3	30.3	Mer.	172	62	
10890	9.10	49.12	2	13	14	18.29	32	53	29.4	Mu.	225	61	
10891	8	49.22	3	13	14	18.50	33	59	10.6	Mer.	170	26	
10892	10.11	47.32	1	13	14	23.20	29	24	32.9	Mer.	97	16	
	10	49.38	1			23.59			40.9	Tr.	241	44	
10893	7.8	51.35	5	13	14	23.74	22	9	57.4	Mu.	277	25	
	9	49.29	2			23.90			60.6	Tr.	237	79	
10894	10	49.28	2	13	14	25.11	25	20	36.1	Tr.	235	51	
10895	9	49.29	2	13	14	25.57	22	10	3.9[1]	Tr.	237	80	[1] If micrometer reading be assumed as 7.2 instead of 7.22 rev., as recorded, Decl. = 53″.8. CiZ gives 53″.
10896	9	52.40	5	13	14	32.65	19	20	57.3	Tr.	279	2	
10897	6	52.39	5	13	14	43.46	20	37	42.3	Tr.	278	18	
10898	10	48 34	1	13	14	44.46	22	52	42.3	Mer.	122	42	
	9	49.29	2			44.83			48.1	Mu.	251	125	
10899	8	49.12	..	13	14	45...	32	24	13.0	Mu.	225	62	
10900	7	49.25	4	13	14	47.47	38	50	29.7	Mer.	173	97	
10901	8.9	46.29	6	13	14	53.56	44	41	19.1[2]	Mer.	5	17	[2] Decl. changed one wire interval north.
10902	8	49.29	2	13	14	59.28[3]	23	56	53.7	Mer.	179	129	[3] R. A. increased 5 sec.
10903	10	49.24	1	13	15	1.19	36	46	30.3	Mu.	243	55	
10904	8	49.29	2	13	15	8.70[4]	23	52	12.5	Mer.	179	130	[4] R. A. increased 5 sec.
10905	9	52.39	5	13	15	9.16	20	45	43.5	Tr.	278	19	
10906	9	47.34	3	13	15	10.38[5]	26	11	26.8	Mu.	113	61	[5] One of four threads rejected; R. A. = $9^{s}.43$.
	9	47.34	5			10.97			28.3	Mer.	98	30	
10907	9	46.38	5	13	15	18.99	41	7	5.6	Mer.	16	5	
10908	9	49.22	2	13	15	33.95	34	46	13.1	Mu.	239	26	
	10	49.22	1			34.39			12.8	Tr.	224	26	
	10	49.25	1			34.76[6]			12.0	Mu.	244	123	[6] R. A. increased one thread interval.
10909	7	47.41	4	13	15	39.86	27	35	8.4	Mu.	116	8	
	8	48.30	4			40.25			7.1	Mer.	227	61	
10910	10	49.25	1	13	15	42.72	35	27	28.7	Mu.	244	124	
10911	8	49.25	3	13	15	46.45[7]	38	39	50.0	Mer.	173	98	[7] One thread decreased 20 sec.
10912	7.6	49.24	1	13	15	49.27	37	14	53.0	Mu.	243	56	
10913	6	52.34	4	13	15	50.85[8]	20	8	18.2	Mer.	246	31	[8] One of five threads rejected; R. A. = $50^{s}.47$.
10914	10	49.28	2	13	15	55.10	24	22	28.5	Mu.	249	83	
10915	9	49.28	3	13	15	57.95	25	35	52.9[9]	Tr.	235	52	[9] Decl. changed one wire interval north.
	9	48.30	2			57.97			55.5	Mu.	163	72	
	8	48.40	4			58.11			55.1	Mer.	124	1	
10916	9	49.28	3	13	16	0.37[10]	25	11	36.9	Mer.	177	167	[10] R. A. increased 1 min.
10917	7.8	49.25	3	13	16	2.82[11]	24	20	41.1	Tr.	229	94	[11] R. A. decreased 10 sec.
	8.9	49.28	4			3.17			41.2	Mu.	249	84	
10918	9	51.35	5	13	16	4.51	21	41	4.3	Mu.	277	26	
	8	51.35	5			4.88			4.5	Mer.	240	18	
10919	7	49.22	2	13	16	12..[12]	33	39	1.7	Mer.	170	27	[12] R. A. increased 1 min. Separate threads give $12^{s}.21$, $13^{s}.65$. GZ gives $13^{s}.1$.
10920	9	47.34	2	13	16	15.71	26	57	19.1	Mer.	99	56	
10921	7	49.24	3	13	16	17.81	31	53	3.7	Mer.	172	63	
10922	10	49.26	2	13	16	19.31	38	5	6.5	Mu.	246	12	
10923	10	48.34	1	13	16	20.52	22	47	53.1	Mer.	122	43	
	10	49.29	2			20.76			53.2	Tr.	237	81	
10924	7	49.22	1	13	16	20.71	33	51	1.4	Mer.	170	29	
10925	9	49.22	3	13	16	21.47[13]	33	30	19.8	Mu.	241	23	[13] One of four threads rejected; R. A. = $20^{s}.66$.
	6	49.22	1			21.49			20.9	Mer.	170	28	
10926	10	49.22	1	13	16	23.02	35	0	14.8	Tr.	224	27	
10927	9	49.12	2	13	16	23.65	32	39	50.7	Mu.	225	63	
10928	8	46.40	3	13	16	28.02	36	15	4.0	Mu.	16	3	
10929	8	49.24	2	13	16	38.89	37	8	30.7	Mu.	243	57	
10930	9	47.34	1	13	16	41.30	26	22	2.0	Mu.	113	62	
10931	10	49.29	1	13	16	43.79	22	33	58.1	Tr.	237	82	
	10	48.34	1			43.81			55.9	Mer.	122	44	
10932	9	47.28	3	13	16	47...[14]	27	51	....	Mer.	92	89	[14] Separate threads give $48^{s}.76$, $47^{s}.94$, $47^{s}.40$.
	9.10	48.34	2			47...[15]			32.3	Mu.	164	23	[15] Separate threads give $46^{s}.97$, $48^{s}.11$.
	8	47.41	1			47.43			33.2	Mu.	116	9	
	8	48.30	3			47.67			31.8	Mer.	227	62	
10933	9	49.24	2	13	16	47.71	30	24	46.1	Tr.	227	51	
	8.9	49.24	3			47.71			45.9	Mu.	242	58	
	8	49.27	3			47.74			40.0	Tr.	232	71	
10934	9	46.38	3	13	16	48.43[16]	41	5	50.0	Mer.	16	6	[16] One of four threads rejected; R. A. = $47^{s}.07$.
10935	9	49.38	2	13	16	51.98	29	35	36.6	Tr.	241	45	
	9	47.32	4			52.00[17]			33.9	Mer.	97	17	[17] One of five threads rejected; R. A. = $52^{s}.84$.
10936	9	48.34	3	13	16	59.64	27	45	3.8	Mu.	164	24	
	8	47.41	1			59.67			3.6	Mu.	116	10	
	8	48.30	3			60.29			7.2	Mer.	227	63	
10937	10	49.25	2	13	17	0.00	24	16	8.9	Tr.	229	95	
10938	9	49.28	1	13	17	1.86	24	36	5.4	Mu.	249	85	
	7	49.28	5			2.15			3.0[18]	Mer.	177	168	[18] Decl. changed ten rev. north.
10939	9	49.12	2	13	17	15.75	32	24	39.8	Mu.	225	64	
10940	7	52.40	5	13	17	17.50	19	37	25.4	Tr.	279	3	
10941	9	47.34	1	13	17	18.61	26	54	41.2	Mu.	112	43	
10942	10	49.22	1	13	17	25.26	33	15	44.0	Mu.	241	24	
10943	7	52.40	5	13	17	26.62	19	23	45.7	Tr.	279	4	
10944	5	49.25	7	13	17	27.16	38	58	12.1	Mer.	173	99	
10945	7.6	49.22	2	13	17	28.63	34	17	33.0	Mu.	239	27	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
10946	8	47.34	2	13	17	42.67	26	41	10.0	Mer.	99	57	
	7.8	47.34	2			42.84			8.6	Mu.	112	44	
	9	47.34	3			43.15			8.2	Mer.	98	31	
	8	47.34	1			43.37			10.9	Mu.	113	63	
10947	6	49.24	5	13	17	43.61	31	45	49.2	Mer.	172	64	
10948	9	46.30	1	13	17	44. . .	40	37	58.3	Mer.	11	61_1[1]	[1] "Two stars in field, took first." The R. A. seems to belong to the second star. See No. 10954.
10949	8	46.38	3	13	17	47.81[2]	41	4	3.4	Mer.	16	7	
10950	8	49.28	2	13	17	51.65	25	49	17.1	Tr.	235	53	
	8.9	48.30	1			51.66			19.9	Mu.	163	73	[2] R. A. decreased 1 min.
	5	48.40	5			51.70			22.0	Mer.	124	2	
10951	9.10	48.40	2	13	17	56. . .[3]	25	24	8.8	Mu.	165	8	[3] Separate threads give $57^{s}.06$, $55^{s}.93$.
	. .	48.40	1			56.44			10.4	Mer.	124	3	
	8	49.28	3			56.79			8.3	Mer.	177	169	
	9	49.26	1			56.91			13.1	Tr.	231	6	
	8.9	48.30	2			56.91			7.8	Mu.	163	74	
10952	7	51.35	5	13	17	57.13	21	22	46.1[4]	Mer.	240	19	[4] Decl. changed three wire intervals north.
10953	8.9	49.22	3	13	17	59.00	33	13	11.9	Mu.	241	25	
10954	9	46.30	1	13	18	1.39	40	37	. . . .	Mer.	11	61_2[5]	[5] See note on No. 10948.
10955	9.10	49.24	3	13	18	4.25	30	24	42.1	Mu.	242	59	
	10	49.27	2			4.54			37.0[6]	Tr.	232	72	[6] Decl. changed one wire interval north.
10956	9	49.29	2	13	18	5.75	22	27	33.4	Tr.	237	83	
	10	48.34	1			6.15			34.1[7]	Mer.	122	45	[7] Decl. changed one rev. north.
10957	8	49.24	3	13	18	12.51	30	39	65.3	Tr.	227	52	
	9	49.27	1			12.52			59.4	Tr.	232	73	
10958	4	46.30	5	13	18	13.79	40	42	53.9	Mer.	11	62	
10959	10	49.25	3	13	18	23.33	24	23	19.4	Tr.	229	96	
	10	49.28	1			23.39			19.5	Mu.	249	86	
10960	10	48.34	1	13	18	25.39	22	26	57.1	Mer.	122	46	
10961	9	49.22	1	13	18	30.10	34	50	16.7[8]	Mu.	239	28	[8] Decl. changed five rev. south.
	10	49.22	2			30.67[9]			9.8	Tr.	224	28	[9] Separate threads give $30^{s}.29$, $31^{s}.05$.
	9	49.25	3			31.26			12.3	Mu.	244	125	
10962	8	49.39	2	13	18	30.87	23	30	31.9	Mer.	183	7	
	9	49.29	3			30.95[10]			33.5	Mer.	179	131	[10] R. A. increased 1 min. and two thread intervals.
	8	49.29	2			31.33			33.1	Mu.	251	126	
10963	9	47.34	1	13	18	34.69	26	51	59.8	Mer.	99	58	
10964	8	51.35	4	13	18	34.93[11]	21	30	54.3	Mer.	240	20	[11] One of five threads rejected; R. A. = $34^{s}.49$.
10965	7	49.24	2	13	18	34.91	39	22	51.5	Tr.	228	49	
10966	9	49.28	2	13	18	45.68	40	19	38.6	Mu.	248	117	
10967	9.10	48.34	2	13	18	50.05	28	16	52.2	Mu.	164	25	
	8	47.28	4			50.06			. . . .	Mer.	92	90	
	8.9	46.40	3			50.18			56.0	Mer.	23	3	
10968	9	49.24	4	13	18	50.88	31	57	7.5	Mer.	172	65	
10969	8	49.39	3	13	18	53.83	23	30	21.8	Mer.	183	8	
	8	49.29	2			54.09			25.3	Mer.	251	127	
	9	49.29	2			54.25[12]			25.6	Mer.	179	132	[12] R. A. increased 1 min. One of three threads rejected, since it is discordant and identical with one of Mer. 179, No. 131 observed over the same thread.
10970	9	52.40	5	13	18	55.22	19	34	32.2	Tr.	279	5	
10971	8	51.35	5	13	18	58.76	21	35	2.1	Mu.	277	27	
	7	51.35	5			59.17			2.2	Mer.	240	21	
10972	7	52.40	5	13	19	3.46	19	33	13.6	Tr.	279	6	
10973	9	49.22	1	13	19	10.11	34	33	13.4	Mu.	239	29	
10974	9.10	49.28	1	13	19	10.93	24	42	24.4	Mu.	249	87	
	7	49.28	2			11.25			21.7	Mer.	177	170	
	9	49.26	1			11.37			24.8	Tr.	231	7	
	9	48.40	1			11.69			22.5	Mu.	165	9	
10975	9	46.29	7	13	19	13.65	44	17	17.8	Mer.	5	18	
10976	8.9	49.24	3	13	19	23.45	30	0	21.0	Mu.	242	60	
10977	9	49.22	2	13	19	25.58	34	53	19.7	Tr.	224	29	
10978	9	49.24	1	13	19	25.68	39	16	51.2	Tr.	228	50	
10979	9	49.12	2	13	19	37.93	32	29	46.2	Mu.	225	65	
10980	9	46.34	3	13	19	38.92	29	0	43.2	Mer.	15	44	
10981	8	46.38	6	13	19	41.31	41	11	38.0	Mer.	16	8	
10982	5	48.40	3	13	19	45.98	25	37	18.7	Mer.	124	4	
	7.8	49.28	3			46.00[13]			20.5	Tr.	235	54	[13] R. A. increased one thread interval.
	8	48.30	3			46.01			18.4	Mu.	163	75	
10983	9	49.12	1	13	19	46.37	32	55	22.5	Mu.	225	66	
	9	49.22	4			46.37			22.4	Mu.	241	26	
10984	8	49.27	2	13	19	49.44	30	46	15.2	Tr.	232	74	
	8	49.24	3			49.53			24.0	Tr.	227	53	
10985	9	49.24	1	13	19	55.65	31	39	39.5	Mer.	172	66	
10986	10	49.22	1	13	20	0.52	34	55	58.8	Tr.	224	30	
10987	7	51.35	5	13	20	3.45	21	37	5.6	Mu.	277	28	
	. .	51.35	5			3.70			5.2	Mer.	240	23	
10988	9	49.12	1	13	20	7.78	32	42	4.4	Mu.	225	67	
10989	9	48.30	5	13	20	8.60	27	37	24.6	Mer.	227	64	
10990	8	49.25	3	13	20	12.99	24	25	59.1	Tr.	229	97	
	8.9	49.28	3			13.04			61.5	Mu.	249	88	
10991	8	47.34	1	13	20	14.83	26	37	17.6	Mer.	99	59	
	6.7	47.34	4			15.36			15.6	Mu.	113	64	
	8	47.34	5			15.43			16.3	Mer.	98	32	
	6.7	47.34	3			15.47			16.8	Mu.	112	45	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
10992	6.7	46.29	2	13	20	22. . .[1]	44	45	29.4	Mer.	5	19	[1] R. A. decreased 1 min. Separate threads give $22^s.43$, $21^s.19$. Gou gives $22^s.6$.
10993	9	51.35	4	13	20	23.27[2]	21	38	49.2	Mu.	277	29	
	. .	51.35	5			23.32			48.7	Mer.	240	22	[2] One of five threads rejected; R. A.=$22^s.90$.
10994	9	49.24	2	13	20	34.58[3]	30	15	51.0	Mu.	242	61	[3] One of three threads rejected; R. A.=$33^s.81$.
10995	9	49.22	2	13	20	34.69	34	59	43.8	Tr.	224	31	
10996	9	48.30	2	13	20	35.54	27	31	50.3	Mer.	227	65	
10997	8	49.22	2	13	20	40.86	33	30	58.1	Mer.	170	30	
10998	9	49.24	2	13	20	41.94	36	58	22.8	Mu.	243	58	
10999	10	49.38	1	13	20	43.24	29	25	56.3	Tr.	241	46	
11000	9	49.25	5	13	20	49.54	38	53	33.9	Mer.	173	100	
11001	9	49.38	1	13	20	49.55	29	22	53.8	Tr.	241	47	
	9	47.32	4			49.65			53.8	Mer.	97	18	
11002	9	49.22	1	13	20	50.28	34	4	24.9	Mer.	170	31	
11003	5.6	49.22	3	13	20	50.84	34	47	19.8	Mu.	239	30	
	9	49.22	2			51.36			24.7	Tr.	224	32	
11004	9	46.38	2	13	20	53. . .[4]	41	6	10.1	Mer.	16	9	[4] Separate threads give $52^s.62$, $53^s.61$. Gou gives $53^s.6$.
11005	10	49.24	1	13	21	0.08	36	46	50.1	Mu.	243	59	
11006	10	49.26	2	13	21	0.90	37	56	38.5	Mu.	246	13	
11007	10	47.28	1	13	21	11.28	28	19	. . . .	Mer.	92	91	
11008	7	47.34	2	13	21	12.77	26	36	39.9	Mu.	112	46	
	8	47.34	1			12.84[5]			36.7	Mer.	99	60	[5] Time of transit assumed as $2^s.5$ instead of 25^s as recorded.
	8	47.34	4			13.03			39.5	Mer.	98	33	
	7.8	47.34	3			13.18			38.3	Mu.	113	65	
11009	9	49.27	3	13	21	17.26	30	36	32.0	Tr.	232	75	
	9	49.24	2			17.33			29.2	Tr.	227	54	
11010	9	46.34	3	13	21	28.33	29	17	35.3	Mer.	15	45	
11011	8	49.24	1	13	21	28.93	32	4	39.7	Mer.	172	67	
11012	8	51.35	5	13	21	30.88	21	35	24.1	Mer.	240	24	
11013	8	49.29	3	13	21	31.43	22	30	15.0	Tr.	237	84	
11014	8	47.28	1	13	21	31.85	28	10	. . . .	Mer.	92	92	
	8.9	46.40	4			32.12			2.6	Mer.	23	4	
	9.10	48.34	2			32.47[6]			1.7	Mu.	164	26	[6] One of three threads rejected; R. A.=$31^s.42$.
11015	9	48.30	2	13	21	32.48	25	47	30.8	Mu.	163	76	
	8	49.28	3			32.69			30.4	Tr.	235	55	
	8	48.40	5			32.90			27.7	Mer.	124	5	
11016	7	46.42	3	13	21	35.54	31	24	39.7	Mu.	19	5	
	9.10	47.27	3			35.64			38.3	Mu.	108	34	
11017	9	49.28	3	13	21	39.15	25	16	48.6	Mer.	177	171	
	9	49.26	2			39.24			49.2	Tr.	231	8	
	9	48.40	3			39.28			51.7	Mu.	165	10	
	9	48.42	2			39.36			50.2	Mer.	126	1	
	9	48.30	1			39.60			50.6	Mu.	163	77	
11018	8	46.40	4	13	21	45.58	36	8	19.0	Mu.	16	4	
11019	5	52.40	5	13	21	54.08	19	32	9.3	Tr.	279	7	
11020	9	48.30	2	13	21	55. . .[7]	28	1	37.3	Mer.	227	66	[7] Separate threads give $55^s.20$, $54^s.31$.
	9.10	48.34	1			55.14			37.4	Mu.	164	27	
11021	9	49.12	2	13	21	56.53	32	33	10.9	Mu.	225	68	
11022	8.9	49.26	2	13	21	58.75[8]	38	6	18.4	Mu.	246	14	[8] Separate threads give $59^s.12$, $58^s.38$.
11023	11.10	49.28	1	13	22	0.23	40	19	52.6	Mu.	248	118	
11024	8	49.29	4	13	22	6.79	23	39	27.9	Mer.	179	133	
11025	9	49.25	2	13	22	13.24	38	47	15.5	Mer.	173	101	
11026	6.7	49.29	2	13	22	16.78	22	52	20.1	Mu.	251	128	
	8	49.29	2			16.86[9]			25.4	Tr.	237	85	[9] Minute assumed.
	6	49.39	7			17.03			21.4	Mer.	183	9	
11027	3	49.25	4	13	22	21.96	38	37	49.6	Mer.	173	102	
	5	49.26	2			22.27			48.1	Mu.	246	15	
11028	9	49.22	4	13	22	22.22	33	18	44.2	Mu.	241	27	
11029	7	47.34	1	13	22	30.89	26	49	62.8	Mu.	112	47	
	8	47.34	3			31.49			59.2	Mer.	99	61	
11030	8.9	46.38	5	13	22	34.29	41	41	15.7	Mer.	16	10	
	8.9	46.38	3			34.49			18.7	Mer.	19	4	
11031	9	46.40	1	13	22	39.06	35	54	25.5	Mu.	16	5	
11032	7	46.30	5	13	22	43.92	40	48	34.9	Mer.	11	63	
11033	6	48.42	4	13	22	51.07	24	52	50.7	Mer.	126	2	
	6	49.28	3			51.18			48.0	Mer.	177	172	
	8	48.40	4			51.19			46.7	Mu.	165	11	
	7	49.26	2			51.28			45.8	Tr.	231	9	
11034	10	49.27	2	13	22	56.29	30	33	5.5	Tr.	232	76	
	10	49.24	2			56.31			4.0	Tr.	227	55	
11035	6	52.39	5	13	23	4.51	20	38	31.8	Tr.	278	20	
11036	11	49.28	1	13	23	6.68	39	57	10.7	Mu.	248	119	
11037	6	46.42	2	13	23	8.02	31	21	51.3	Mu.	19	6	
	8.9	47.27	3			8.05			51.0	Mu.	108	35	
	6	47.34	2			8.13			50.5	Tr.	115	56	
11038	9	49.24	1	13	23	11.92	36	42	18.2	Mu.	243	60	
11039	7	47.34	. .	13	23	13. . .	27	20	13.5	Mer.	99	62	
	5.6	47.34	2			13.62			13.6	Mu.	112	48	
	7.8	46.42	4			13.84			17.9	Mer.	25	1	
	6	47.41	5			13.94			15.6	Mu.	116	11	
11040	9	48.30	2	13	23	20.21	27	37	22.3	Mer.	227	67	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
11041	9	49.27	1	13	23	22.54	30	16	44.2	Tr.	232	77	
	8	49.24	5			22.72			46.7	Mu.	242	62	
11042	8	48.30	2	13	23	35.48	25	20	23.8	Mu.	163	78	
	7.8	49.28	4			35.51			25.9	Tr.	235	56	
	7	49.28	3			35.63			23.1	Mer.	177	173	
	8	49.26	1			35.85			25.1	Tr.	231	10	
	7	48.42	1			36.36			23.4	Mer.	126	3	
11043	9	49.12	2	13	23	45.61	32	28	29.0	Mu.	225	69	
11044	8	49.24	4	13	23	49.88	32	11	17.7	Mer.	172	68	
11045	9	51.35	5	13	23	52.05	22	7	3.0	Mu.	277	30	
11046	9	49.26	1	13	23	52.97	25	13	61.9	Tr.	231	11	
	8	48.42	1			53.25			62.2	Mer.	126	4	
	7	49.28	1			53.34			57.0	Mer.	177	174	
	9	48.30	1			53.53			60.3	Mu.	163	79	
11047	9	52.34	5	13	23	54.46	20	10	37.8	Mer.	246	32	
11048	8.9	47.27	3	13	23	57.48	31	16	55.7	Mu.	108	36	
	7	46.42	2			57.48[1]			57.6	Mu.	19	7	[1] One thread increased 10 sec.
	8	47.34	2			57.70			57.8	Tr.	115	57	
11049	9	48.30	2	13	23	59.06[2]	27	38	34.2	Mer.	227	68	[2] Separate threads give $58^{s}.70$, $59^{s}.42$.
11050	10	49.29	1	13	24	0.61	23	4	16.9	Mu.	251	129	
11051	9	49.22	3	13	24	2.08	34	4	41.2	Mer.	170	32	
11052	7	47.27	1	13	24	11.67	28	31	29.3[3]	Mer.	91	107	[3] If micrometer reading be assumed as 46.505 instead of 46.105 rev., as recorded, Decl. = 15″.5.
	10	47.34	1			11.94			12.9[4]	Tr.	116	30	
	8	46.40	1			12.57			16.4	Mer.	23	6	
	9	46.32	3			12.65			14.8	Tr.	16	29	[4] Decl. changed one wire interval south.
11053	7	46.34	7	13	24	12.15	28	47	28.9	Mer.	15	46	
	6	47.27	2			12.25			27.0	Mer.	91	106	
	7	46.40	2			12.27			24.2	Mer.	23	5	
	6	47.34	2			12.57			26.6	Tr.	116	29	
11054	7	46.40	2	13	24	13.20	36	4	53.1	Mu.	16	6	
	10	46.29	1			13.31			55.9	Tr.	11	38	
11055	9	52.39	5	13	24	14.55	20	40	18.2[5]	Tr.	278	21	[5] One transit thread rejected; Decl. = 41″.9.
11056	9	48.40	2	13	24	15.14[6]	25	53	8.0	Mer.	124	6	[6] R. A. increased 1 min.
11057	5.6	47.41	2	13	24	15...[7]	27	55	5.4	Mu.	116	12	[7] Separate threads give $14^{s}.42$, $15^{s}.50$. Gou gives $15^{s}.5$.
	7	47.28	2			15.36			....	Mer.	92	94	
	4	48.30	1			15.41			0.7	Mer.	227	69	
	5	48.34	6			15.70			2.8	Mu	164	28	
11058	7	49.25	3	13	24	18...[8]	39	11	52.0	Mer.	173	103	[8] Separate threads give $17^{s}.50$, $18^{s}.56$, $18^{s}.04$.
	8	49.24	3			18.29			50.8	Tr.	228	51	
11059	9	47.34	1	13	24	20.48	26	10	8.9	Mer.	98	34	
	9	47.34	2			20.52			3.1	Mu.	113	66	
11060	11	49.25	2	13	24	25.69[9]	24	2	1.5	Tr.	229	98	[9] Minute assumed.
11061	10	49.27	1	13	24	26.81	30	49	7.8	Tr.	232	78	
	10	49.24	2			27.11			10.6	Tr.	227	56	
11062	10	49.24	1	13	24	33.24	37	13	7.1	Mu.	243	61	
11063	7.8	49.28	2	13	24	36.05	25	48	44.9	Tr.	235	57	
	5	48.40	3			36.23[10]			51.2	Mer.	124	7	[10] R. A. increased 1 min
11064	8	51.35	5	13	24	36.87	21	24	24.0	Mer.	240	25	
11065	9	47.34	1	13	24	38.85	26	34	40.9	Mu.	112	49	
11066	8.9	49.26	3	13	24	43.27[11]	38	5	49.5	Mu.	246	16	[11] One of four threads rejected; R. A. = $42^{s}.36$.
11067	8	47.34	2	13	24	44.90[12]	26	13	46.0	Mer.	98	35	[12] R. A. increased one thread interval. One of three threads rejected; R. A. = $43^{s}.83$.
	7.8	47.34	2			45.03			48.0	Mu.	113	67	
11068	8	48.42	1	13	24	50.00	24	45	49.0	Mer.	126	5	
	10	49.28	2			50.26[13]			49.3	Mu.	249	89	[13] Separate threads give $50^{s}.61$, $49^{s}.91$.
	9	49.26	1			50.57[14]			48.0	Mer.	175	1	[14] R. A. increased 10 sec.
	9	48.40	3			50.79			48.9	Mu.	165	12	
11069	9	47.27	1	13	24	50.93	31	6	37.0	Mu.	108	38	
11070	8	47.28	1	13	24	51.68	28	11	....	Mer.	92	95	
11071	7	46.30	4	13	24	54.38	40	32	42.6	Mer.	11	64	
11072	9	47.27	1	13	24	54.82	31	17	8.3	Mu.	108	37	
11073	5	52.40	5	13	25	3.59	19	12	58.6	Tr.	279	8	
11074	7	49.29	2	13	25	3.69	23	31	29.0	Mer.	179	135	
	9	49.29	1			3.87			29.2	Mu.	251	130	
11075	7.8	49.24	2	13	25	4.54	39	10	24.1	Tr.	228	52	
	6	49.25	3			4.62			23.7	Mer.	173	104	
11076	10	47.34	2	13	25	7.25[15]	26	54	18.7	Mer.	99	63	[15] R. A. increased 50 sec. Separate threads give $6^{s}.87$, $7^{s}.63$. GZ gives $6^{s}.0$.
11077	10	49.24	1	13	25	9.34	30	37	6.5	Tr.	227	57	
11078	8.9	46.40	1	13	25	9.77[16]	28	47	44.3	Mer.	23	7	[16] R. A. increased one thread interval.
11079	9.10	49.24	3	13	25	13.83	29	51	33.3	Mu.	242	63	
11080	9	49.29	2	13	25	15.84	23	38	13.9	Mer.	179	134	
11081	9	52.34	5	13	25	20.01	19	50	40.1	Mer.	246	33	
11082	9	48.30	1	13	25	24.34	27	30	23.9	Mer	227	70	
11083	9	49.28	2	13	25	26.47	40	12	41.6	Mu.	248	120	
11084	10	49.22	2	13	25	35.36	34	34	31.4	Mu.	239	31	
11085	9	49.22	3	13	25	39.08	33	17	48.8	Mu.	241	28	
11086	9	46.34	4	13	25	40.93	28	52	10.7[17]	Mer.	15	47	[17] Decl. changed one rev. north.
11087	9	49.22	2	13	25	42.25	33	36	57.8	Mu.	241	29	
	7	49.22	4			43.14			53.0	Mer.	170	33	
11088	8	49.26	4	13	25	44.99	38	7	8.7	Mu.	246	17	
11089	8.9	46.38	3	13	25	48.88	41	30	48.7	Mer.	19	5	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
11090	9	49.26	2	13	25	53.10	38	0	3.7	Mu.	246	18	
11091	9	49.24	2	13	25	58.65	39	28	16.1	Tr.	228	53	
11092	10	49.28	1	13	26	1.28	24	36	35.8	Mu.	249	90	
	10	49.25	3			1.46[1]			31.8	Tr.	229	99	[1] Minute assumed.
11093	8	49.12	5	13	26	13.38	32	32	20.8	Mu.	225	70	
11094	9	52.34	5	13	26	14.85	19	41	3.7	Mer.	246	34	
11095	9	46.42	3	13	26	24.09	27	44	34.1	Mer.	25	2	
	8	48.30	2			24.11			37.6	Mer.	227	71	
	8.9	47.41	5			24.12			34.2	Mu.	116	13	
11096	8	49.24	3	13	26	25.48	36	47	3.5	Mu.	243	62	
11097	9	47.34	1	13	26	28.68	26	31	12.4	Mu.	113	68	
11098	9	49.38	2	13	26	33.35	29	9	3.9	Tr.	241	48	
	7	46.34	4			33.52			8.9	Mer.	15	48	
	7	47.27	1			33.86			10.0	Mer.	91	108	
11099	9	49.22	1	13	26	38.54	34	52	38.6	Tr.	224	33	
11100	8	47.27	2	13	26	43.97	31	26	25.7	Mu.	108	39	
	6	46.42	4			44.21			26.7	Mu.	19	8	
	7	47.34	2			44.28			26.0	Tr.	115	58	
11101	8	49.22	3	13	26	46.39[2]	33	52	12.6[3]	Mer.	170	34	[2] R. A. increased 1 min.
11102	10	49.28	1	13	26	48.04	24	32	1.3	Mu.	249	91	[3] Decl. changed one wire interval north
	11	49.25	2			48.20			6.4	Tr.	229	100	
11103	10	49.24	2	13	26	48.82	30	38	21.2	Tr.	227	58	
	11	49.27	2			48.95			17.3	Tr.	232	79	
11104	9	49.28	2	13	26	49.69	40	9	13.8	Mu.	248	121	
11105	9	49.22	3	13	26	56.88	33	14	49.5	Mu.	241	30	
11106	8	46.40	1	13	27	7.10	28	23	5.8	Mer.	23	8	
	8	47.28	3			7.14[4]			....	Mer.	92	96	[4] One of four threads rejected; R. A.=5^s.54.
	9.10	48.34	2			7.36			7.7	Mu.	164	29	
11107	8	49.24	3	13	27	8.36	32	1	50.1	Mer.	172	69	
11108	6	51.35	5	13	27	12.49	21	50	52.8	Mu.	277	31	
11109	7	49.24	3	13	27	16.46	31	36	12.0	Mer.	172	70	
	8	47.27	3			16.69			11.4	Mu.	108	40	
	7	46.42	1			16.81			12.3	Mu.	19	9	
	8	47.34	2			16.92			12.0	Tr.	115	59	
11110	8	47.27	2	13	27	16.83	28	36	34.1	Mer.	91	109	
	8	46.40	1			16.98			32.5	Mer.	23	9	
	9	47.34	2			17.04			30.8	Tr.	116	31	
	9	46.32	3			17.17[5]			25.6[6]	Tr.	16	30	[5] R. A. decreased one thread interval.
	7.8	46.34	2			17.29			32.9	Mer.	15	49	[6] If micrometer reading be assumed as 9.57 instead of 9.37 rev., as recorded, Decl.= 35″.7.
11111	..	51.35	5	13	27	21.05	21	15	8.8[7]	Mer.	240	26	
11112	9	47.28	2	13	27	22.43	28	20	....[8]	Mer.	92	97	
	9.10	48.34	1			22.63			0.4	Mu.	164	30	[7] Decl. changed one wire interval south.
11113	9	49.22	1	13	27	32.40	33	36	11.1	Mer.	170	35	[8] Decl. changed one rev. north.
11114	9	49.22	2	13	27	33.69	35	54	37.8	Tr.	226	1	
11115	9	47.34	3	13	27	33.77	26	12	17.1	Mer.	98	36	
	8	47.34	2			33.77			17.3	Mu.	113	69	
11116	8.9	46.38	3	13	27	34.26	41	38	50.1	Mer.	19	6	
11117	11	49.27	1	13	27	35.09	30	15	29.3	Tr.	232	80	
	9.10	49.24	3			35.22			28.9	Mu.	242	64	
11118	8	51.35	5	13	27	36.28	21	36	48.2	Mu.	277	32	
11119	9	49.12	3	13	27	36.43	32	42	35.3	Mu.	225	71	
11120	9	52.40	5	13	27	45.65	19	24	23.7	Tr.	279	9	
11121	10	49.24	1	13	27	45.97	36	45	4.7	Mu.	243	63	
11122	10	49.24	2	13	28	7.43	30	9	49.4	Mu.	242	65	
11123	7	46.42	2	13	28	16.32	31	38	18.4[9]	Mu.	19	10	[9] If micrometer reading be assumed as 12.535 instead of 12.335 rev., as recorded, Decl.= 5″.9.
	8.9	47.27	3			16.36			6.5	Mu.	108	41	
	8	47.34	2			16.66			6.8	Tr.	115	60	
	7	49.24	2			16.74[10]			5.8	Mer.	172	71	[10] Minute assumed.
11124	6	49.22	4	13	28	16.48	33	41	50.2	Mer.	170	36	
11125	7	49.25	3	13	28	19.59	38	58	8.6	Mer.	173	105	
11126	7	46.40	3	13	28	20.66	36	19	54.1	Mu.	16	7	
11127	9	49.24	1	13	28	23.62	36	44	15.2	Mu.	243	64	
11128	9	48.30	4	13	28	29.67	25	43	50.2	Mu.	163	80	
11129	7.8	49.28	3	13	28	29.67	25	43	39.9	Tr.	235	58[11]	[11] "Double, north observed."
	6	48.40	5			29.80[12]			39.8	Mer.	124	8[13]	[12] One of six threads rejected; R. A.=30^s.74.
	8.9	48.30	4			29.85			39.4	Mu.	163	81	[13] "Double, second taken."
11130	7.8	46.30	4	13	28	29.92[14]	40	7	44.2	Mer.	11	65	[14] One of five threads rejected; R. A.=28^s.96.
	7	49.28	2			29.93			47.5	Mu.	248	122	
11131	7	49.24	1	13	28	43.01	36	56	44.9	Mu.	243	65	
11132	10	49.22	1	13	28	44.87	34	56	14.0	Tr.	224	34	
11133	7	47.34	4	13	28	45.06	26	52	54.4	Mu.	112	50	
	8	47.34	2			45.49			52.3	Mer.	99	64	
11134	..	51.35	5	13	28	51.69	21	5	13.9	Mer.	240	27	
11135	7	47.28	1	13	28	51.64	27	55	....	Mer.	92	98	
	8	48.34	3			52.21			27.2	Mu.	164	31	
	7	47.41	5			52.51			28.9	Mu.	116	14	
	8	48.30	7			52.64			29.5	Mer.	227	72	
11136	8	49.22	2	13	28	52.90	35	48	20.1	Tr.	226	2	
	10	46.29	3			52.90			15.8	Tr.	11	39	
11137	8	49.29	4	13	28	56.08	22	50	47.1	Tr.	237	86	
	6	49.39	4			56.10[15]			48.0	Mer.	183	10	[15] R. A. decreased 1 min.
	7.6	49.29	1			56.34			46.9	Mu.	251	131	
	9	48.34	3			56.48			50.6	Mer.	122	47	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
11138	. .	48.42	1	13	28	58.34	24	59	. . . .	Mer.	126	6	
11139	7	49.22	3	13	28	59.02	34	16	51.8	Mu.	239	32	
11140	8	49.22	1	13	29	4.92	33	32	18.9	Mer.	170	37	
	10	49.22	2			5.22			20.9	Mu.	241	31	
11141	8	46.42	1	13	29	8.32	31	35	32.7	Mu.	19	11	
	7	49.24	3			8.47			32.8	Mer.	172	72	
	8.9	47.27	3			8.65			32.8	Mu.	108	42	
11142	8.9	49.26	3	13	29	8.39	38	7	47.4	Mu.	246	19	
11143	. .	51.35	5	13	29	9.07	21	9	21.2	Mer.	240	28	
11144	10	49.38	1	13	29	9.82	29	18	55.4	Tr.	241	49	
	. .	46.34	4			10.03			64.4	Mer.	15	50	
11145	7	49.22	2	13	29	12.82	34	17	49.1	Mu.	239	33	
11146	8	47.34	2	13	29	13.85	26	17	27.6	Mu.	113	70	
	9	47.34	3			13.89			23.3	Mer.	98	37	
11147	8	49.22	1	13	29	19.60	34	4	42.0	Mer.	170	38	
11148	8	49.24	1	13	29	28.11	36	43	1.8	Mu.	243	66	
11149	8	51.35	5	13	29	32.89	21	59	45.7	Mu.	277	33	
11150	9	49.29	4	13	29	35.39	23	21	49.0[1]	Mer.	179	136	[1] Decl. changed ten rev. north.
	9	49.29	1			35.76			48.8	Mu.	251	132	
11151	7	52.40	5	13	29	39.70	19	23	50.9	Tr.	279	10	
11152	9	47.27	1	13	29	40.41	31	28	18.0	Mu.	108	43	
11153	10	48.34	2	13	29	42. . .[2]	22	27	17.2[3]	Mer.	122	48	[2] Separate threads give $43^{s}.58$, $42^{s}.67$. AW gives $43^{s}.0$.
	8	49.29	2			42.84			15.2	Tr.	237	87	
11154	9	49.22	1	13	29	49.69	34	44	26.7	Tr.	224	35	[3] Decl. changed two wire intervals north.
11155	7	46.34	4	13	29	57.40	29	4	27.0	Mer.	15	51	
	8	49.38	2			57.42			24.9	Tr.	241	50	
	7	47.27	3			57.56[4]			27.0	Mer.	91	110	[4] One of four threads rejected; R. A. = $55^{s}.80$.
	7	47.34	2			57.58			26.4	Tr.	116	32	
	5.6	47.38	4			57.66			[62.8]	Mu.	115	19	
11156	8	49.29	2	13	30	0.23	22	55	35.5	Mu.	251	133	
11157	10	48.42	1	13	30	1.57[5]	25	4	38.1	Mer.	126	7	[5] R. A. decreased two thread intervals.
	10	49.26	2			1.61			39.9	Tr.	231	12	
	9	48.40	4			1.63			40.4	Mu.	165	13	
11158	9	51.35	5	13	30	3.42	22	0	38.0	Mu.	277	34	
11159	. .	52.40	5	13	30	9.06	19	39	33.2	Tr.	279	11	
11160	7.8	47.34	1	13	30	9.84[6]	26	8	21.5	Mu.	113	71	[6] R. A. increased one thread interval.
	9	47.34	2			10. . .[7]			21.3	Mer.	98	38	[7] Separate threads give $11^{s}.04$, $10^{s}.06$. Gou gives $10^{s}.1$.
11161	11	49.24	2	13	30	16.91[8]	30	37	48.2	Tr.	227	59	
	10	49.27	2			17.08			43.1	Tr.	232	81	[8] Minute assumed.
11162	7	46.40	5	13	30	17.14	28	47	33.2	Mer.	23	10	
	5.6	47.34	2			17.19			29.8	Tr.	116	33	
	6	46.34	4			17.20			35.4[9]	Mer.	15	52	[9] Decl. changed ten rev. south.
	6	47.27	3			17.22			33.3	Mer.	91	111	
11163	6	49.24	2	13	30	17.89	32	20	43.1	Mer.	172	73	
	8	49.12	4			18.17			43.8	Mu.	225	72	
	7	46.43	4			18.19			42.5	Mu.	21	1	
11164	10	49.28	2	13	30	21.21	40	29	38.5	Mu.	248	123	
11165	7	47.34	1	13	30	22.83	26	29	41.3	Mu.	113	72	
	7	47.34	1			22.93			41.1	Mu.	112	51	
11166	8	46.38	1	13	30	35.41	29	58	59.8	Mu.	13	1	
	9.10	49.24	3			35.90			61.3	Mu.	242	66	
11167	8	49.38	2	13	30	36.13	29	30	35.0	Tr.	241	51	
	8	47.32	1			36.21[10]			37.1	Mer.	97	19	[10] R. A. decreased one thread interval.
11168	9	52.39	5	13	30	37.52	20	49	21.0	Tr.	278	22	
11169	9	49.22	3	15	30	43.94	34	33	14.1[11]	Mu.	239	34	[11] Micrometer record uncertain. Assumed as 27.702 rev. It may be intended for 27.102 rev.
11170	8	49.25	4	13	30	44.02	24	5	46.5	Tr.	229	101	
	6	49.26	3			44.25			49.4	Mer.	175	2	
	6.7	49.29	3			44.30			47.0	Mer.	179	137	
	8	49.28	3			44.71			48.7[12]	Mu.	249	92	[12] Decl. changed ten rev. north.
11171	10	46.29	2	13	30	46.41	35	28	35.5	Tr.	11	40	
	9	49.22	3			46.51			33.1	Tr.	226	3	
11172	5	46.39	4	13	30	53.81	38	58	59.9	Mu.	15	1	
	7	49.25	6			53.92			59.5	Mer.	173	106	
11173	9	49.24	2	13	30	56.46	30	7	15.9	Mu.	242	67	
	8	47.20	2			56.94			15.1	Mer.	88	80	
11174	6	49.24	2	13	31	1.11	39	17	5.1	Tr.	228	54	
11175	9	46.40	2	13	31	1.39	36	25	26.2	Mu.	16	8	
11176	7	49.24	2	13	31	2.48	37	0	8.1	Mu.	243	67	
11177	9	49.26	2	13	31	19.94	25	13	32.6	Tr.	231	13	
	9	48.40	2			20.02			36.8	Mu.	165	14	
	9	48.42	1			20.04			35.0	Mer.	126	8	
11178	11	49.24	2	13	31	20.13	30	30	54.1	Tr.	227	60	
	10	49.27	2			20.13			51.5	Tr.	232	82	
11179	8.9	47.34	1	13	31	31.54	26	23	14.1	Mu.	113	73	
	9	47.34	1			31.55			13.5	Mer.	98	39	
11180	8	47.34	1	13	31	32.75	26	44	36.7	Mu.	112	52	
	9	47.34	1			33.20[13]			37.1	Mer.	99	65	[13] R. A. increased 1 min.
11181	9	49.25	1	13	31	34.75	24	39	30.8	Tr.	229	102	
	9	49.26	3			34.82			29.1	Mer.	175	3	
11182	5.6	47.34	1	13	31	46.51	26	48	50.6	Mu.	112	53	
	8	47.34	4			46.60			47.2	Mer.	99	66	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
11183	8.9	49.22	4	13	31	54.82	33	35	43.7	Mu.	241	32	
	6	49.22	1			55.40			38.6	Mer.	170	39	
11184	9	49.29	1	13	31	54.88	23	30	10.6	Mu.	251	134	
	8	49.29	2			54.92			7.2 [1]	Mer.	179	138	[1] Decl. changed ten rev. north.
11185	9	51.35	5	13	31	55.21	21	52	24.3	Mu.	277	35	
11186	7	46.39	2	13	32	9.17	38	57	17.4	Mu.	15	2	
	7	49.25	3			9.27			17.2	Mer.	173	107	
11187	9	46.40	3	13	32	15.69	28	13	30.8	Mer.	23	11	
	8	47.28	1			15.94			....	Mer.	92	99	
11188	7	47.41	4	13	32	23.67	27	28	45.5	Mu.	116	15	
	8.9	46.42	2			23.67			46.2	Mer.	25	3	
	8	47.38	5			23.67			43.6	Mer.	188	1	
	6.7	48.30	5			23.71			46.1	Mer.	227	73	
11189	6	49.22	3	13	32	25.26	33	41	36.5 [2]	Mer.	170	40	[2] If micrometer reading be assumed as 41.60 instead of 41.90 rev., as recorded, Decl.= 46″.8. Gou and GZ give 46″.
11190	6.7	46.29	6	13	32	32.26 [3]	44	43	37.7 [4]	Mer.	5	20	
	8.9	46.26	5			32.83			54.3	Mer.	1	15	
11191	6	47.27	3	13	32	34.48 [5]	28	58	8.8 [6]	Mer.	91	112	[3] One of seven threads rejected; R. A.=33^{s}.39.
	9	47.34	2			34.49			6.3	Tr.	116	34	[4] If micrometer reading be assumed as 42.03 instead of 42.53 rev., as recorded, Decl.= 55″.2.
	8.9	46.34	3			34.62			7.4	Mer.	15	53	
11192	10	49.12	1	13	32	35.18 [7]	32	53	34.8	Mu.	225	73	
11193	8	47.32	3	13	32	47.55	29	8	61.5	Mer.	97	20	[5] R. A. decreased 10 sec.
	9	49.38	2			47.67			56.0	Tr.	241	52	[6] Decl. changed five rev. south.
	8.9	46.34	3			47.79			58.5	Mer.	15	54	[7] R. A. decreased one thread interval.
11194	9	49.27	1	13	32	52.59	30	9	16.7	Tr.	232	83	
	10	49.24	2			52.79			18.8	Mu.	242	68	
11195	8.9	49.26	3	13	32	57.21	38	15	13.3	Mu.	246	20	
11196	8	48.30	3	13	33	5.71 [8]	25	46	10.8	Mu.	163	82	[8] One of four threads rejected; R. A.=4^{s}.94.
	7	48.40	5			6.14			9.3	Mer.	124	9	
11197	8	47.34	1	13	33	6.55	26	28	11.7 [9]	Mer.	98	40	[9] Decl. changed one rev. south.
	7	47.34	3			6.81			16.3	Mu.	113	74	
11198	9	47.34	1	13	33	8.32	26	30	40.1	Mu.	113	75	
11199	10	49.22	1	13	33	9.67	33	0	14.9 [10]	Mu.	241	34	[10] Decl. changed one rev. south.
11200	8	46.43	3	13	33	10.68	32	50	9.7	Mu.	21	2	
	8	49.22	3			10.77			12.6	Mu.	241	33	
	8.9	49.12	1			10.91			12.3	Mu.	225	74	
11201	8.9	47.34	1	13	33	11.16	26	51	1.0	Mu.	112	54	
11202	9	46.34	2	13	33	11.83	29	18	42.4	Mer.	15	55	
	9	49.38	1			12.05			36.5	Tr.	241	53	
	9	47.32	1			12.20 [11]			40.6	Mer.	97	21	[11] Minute assumed.
11203	8	49.22	3	13	33	14.69	34	1	3.7	Mer.	170	41	
11204	10	49.26	1	13	33	14.70 [12]	38	36	42.8	Mu.	246	21	[12] R. A. increased 1 min.
	6	49.25	2			14.74			37.4	Mer.	173	108	
11205	8	49.29	3	13	33	14.86	22	41	19.1	Tr.	237	88	
	9.10	48.34	3			15.08			21.7	Mer.	122	49	
11206	9	48.34	3	13	33	18.48	28	0	4.4	Mu.	164	32	
11207	9	49.26	2	13	33	18.81	24	27	7.4	Mer.	175	4	
	10	49.25	1			19.15			3.5	Tr.	229	103	
11208	8	48.30	4	13	33	19.95	27	25	5.5	Mer.	227	74	
	8	47.38	1			20.11			4.7	Mer.	188	2	
	8.9	46.42	2			20.16			1.5	Mer.	25	4	
	8.9	47.41	2			20.42			3.7	Mu.	116	16	
11209	9	49.24	2	13	33	26.83	39	40	48.1	Tr.	228	55	
11210	9	49.12	1	13	33	41.64 [13]	32	31	1.1	Mu.	225	75	[13] R. A. increased 20 sec.
11211	9	46.40	1	13	33	43.49	36	36	54.0	Mu.	16	9	
	8	49.24	1			43.67			57.3	Mu.	243	68	
11212	8.9	49.22	..	13	33	44...	33	13	13.8	Mu.	241	35	
11213	10	48.34	1	13	33	44.95	22	21	29.2 [14]	Mer.	122	50	[14] Decl. changed one rev. south.
	10	49.29	2			45.46			25.0	Tr.	237	89	
11214	8	47.27	2	13	33	47... [15]	29	0	37.4	Mer.	91	113	[15] Separate threads give 47^{s}.44, 39^{s}.97. AW gives 47^{s}.9. GZ gives 48^{s}.1.
	9	46.34	3			48.43			32.8	Mer.	15	56	
11215	8	47.27	2	13	33	48... [16]	28	57	44.0 [17]	Mer.	91	114	[16] Minute assumed. Separate threads give 48^{s}.45, 40^{s}.97. AW gives 49^{s}.7. GZ gives 49^{s}.9.
	9	46.34	2			50.35			33.9	Mer.	15	57	
11216	9	48.42	1	13	33	49.63	25	12	26.7	Mer.	126	9	
11217	8.9	49.24	1	13	33	52.19	36	45	35.4	Mu.	243	69	[17] AW gives 34″. GZ gives 33″.
11218	10	49.22	1	13	33	55.67	35	16	32.2	Tr.	224	36	
11219	10	49.24	1	13	33	56.40	29	53	50.3	Mu.	242	69	
11220	11	49.24	3	13	33	57.30	30	46	4.3	Tr.	227	61	
11221	6	46.30	6	13	34	2.42	40	38	23.8	Mer.	11	66	
11222	7	51.35	5	13	34	6.74	21	17	9.9 [18]	Mer.	240	29	[18] Horizontal wire assumed.
11223	9	49.29	4	13	34	7.00	23	36	56.8	Mer.	179	139	
11224	10	49.22	1	13	34	10.08	34	10	5.4	Mu.	239	35	
11225	9.10	46.40	1	13	34	12.76	37	34	37.2	Mu.	17	1	
11226	8	49.24	4	13	34	16.66	31	54	35.4 [19]	Mer.	172	74	[19] Decl. changed one rev. south.
11227	8	46.39	3	13	34	17.81	38	49	20.8	Mu.	15	3	
	7	49.25	3			18.37			22.8	Mer.	173	109	
11228	9	49.29	1	13	34	19.60	23	46	59.5	Mer.	179	140	
11229	10	48.34	1	13	34	30.67	28	11	[44.9] [20]	Mu.	164	33	[20] Decl. changed one rev. south. The decimal of the micrometer revolution is practically the same as that of Mu. 164, No. 32. GZ gives 30″.
	8	47.28	2			30.71			....	Mer.	92	100	
	8.9	46.40	3			31.09 [21]			34.1	Mer.	23	12	
11230	8	49.38	3	13	34	32.70	29	25	23.0	Tr.	241	54	
	6.7	47.32	2			32.73			29.9	Mer.	97	22	[21] Two of five threads rejected; record uncertain.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
11231	7	49.22	1	13	34	33.50	34	31	51.3	Mu.	239	36	
11232	9	51.35	5	13	34	36.07[1]	21	51	56.4	Mu.	277	36	[1] Three threads decreased 1 sec. each.
11233	9.10	46.40	1	13	34	36.47[2]	37	29	55.0	Mu.	17	2	[2] Gou gives 39ˢ.3.
11234	10	49.29	1	13	34	40.19	23	28	12.6	Mu.	251	135	
11235	9	46.34	2	13	34	42.78	28	39	53.6	Mer.	15	58	
11236	9	47.38	2	13	34	43.17	27	24	42.3	Mer.	188	3	
	9	48.30	3			43.37			44.4	Mer.	227	75	
11237	7.8	46.39	6	13	34	44.54	41	18	33.3	Mer.	20	1	
11238	6.7	46.29	4	13	34	46.20	44	40	36.0	Mer.	5	21	
	9	46.26	4			46.36			43.3	Mer.	1	16	
11239	7	52.40	5	13	34	50.40	19	9	1.8	Tr.	279	12	
11240	9	49.22	2	13	34	53.92	33	28	42.3	Mer.	170	42	
11241	9.10	49.26	3	13	34	54.27	37	59	10.7[3]	Mu.	246	22	[3] Decl. changed one rev. north.
11242	9	49.26	2	13	34	55.13	25	6	34.6	Tr.	231	14	
	9	48.42	4			55.20			36.0	Mer.	126	10	
	9	48.40	4			55.44			37.0	Mu.	165	15	
11243	9	49.27	2	13	34	55.71	30	41	6.2	Tr.	232	84	
	11	49.24	2			55.90			8.2	Tr.	227	62	
	10	49.38	1			55.96			12.0	Mer.	182	2	
11244	9	51.35	5	13	34	55.97	21	49	23.0	Mu.	277	37	
11245	9	49.27	2	13	34	57.99	30	43	31.4	Tr.	232	85	
	9	49.38	3			58.00[4]			35.6	Mer.	182	1	[4] One of four threads rejected; R. A.=55ˢ.81.
11246	8	49.26	4	13	34	58.31	24	12	46.5	Mer.	175	5	
	10	49.25	2			58.40[5]			44.4	Tr.	229	104	[5] Minute assumed. R. A. decreased one thread interval.
11247	8	49.24	3	13	34	59.19	39	25	8.5	Tr.	228	56	
11248	9	47.34	2	13	35	4.70	26	44	24.4	Mer.	99	67	
	9	47.34	1			4.75			19.9	Mer.	98	41	
11249	8	46.30	2	13	35	4.75[6]	40	35	13.1	Mer.	11	67	[6] Minute assumed.
11250	8	51.35	5	13	35	6.05	21	36	31.9	Mu.	277	38	
	..	51.35	5			6.30			31.6	Mer.	240	30	
11251	9.10	49.12	1	13	35	10.97	32	24	30.0	Mu.	225	76	
11252	..	49.22	2	13	35	20.81	34	33	34.3	Mu.	239	37	
11253	10	49.26	1	13	35	25.92	38	1	5.0	Mu.	246	23	
11254	9	47.34	1	13	35	29.12	27	0	15.4[7]	Mu.	112	55	[7] If micrometer reading be assumed as 26.407 instead of 26.707 rev., as recorded, Decl.= 34″.2. GZ gives 34″.
11255	7	47.41	2	13	35	30. ..[8]	27	54	29.5	Mu.	116	17	
	8.9	48.34	2			30.31			29.9	Mu.	164	34	
	7	48.30	1			30.36			31.0	Mer.	227	76	[8] Separate threads give 30ˢ.40, 29ˢ.02.
11256	7	52.39	5	13	35	32.21	20	27	17.7	Tr.	278	23	
11257	8.9	49.22	3	13	35	32.48	35	48	9.5	Tr.	226	4	
	12	46.29	1			32.55			4.0	Tr.	11	41	
11258	8	46.42	3	13	35	37.59	31	3	32.2	Mu.	19	12	
	8.9	47.27	3			37.87			31.3	Mu.	108	44	
11259	9.10	49.12	1	13	35	41.47	32	26	32.4	Mu.	225	77	
11260	9	49.25	1	13	35	44.79[9]	38	38	30.7[10]	Mer.	173	111	[9] R. A. decreased 1 min.
11261	10	49.22	1	13	36	4.83	34	51	11.7	Tr.	224	37	[10] Decl. changed one rev. south.
11262	..	48.40	3	13	36	5.55	25	34	....	Mer.	124	10	
11263	8	52.39	5	13	36	13.64	20	27	59.4	Tr.	278	24	
11264	8	47.34	3	13	36	14.71	26	1	22.1	Mu.	113	76	
	9	47.34	1			14.73			21.8	Mer.	98	42	
	9.10	48.30	2			14.96			23.3	Mu.	163	83	
11265	8	47.28	2	13	36	24. ..[11]	28	10	....	Mer.	92	101	[11] Separate threads give 24ˢ.39, 26ˢ.20. AW gives 24ˢ.8. GZ gives 26ˢ.5.
11266	6	49.26	6	13	36	24.98[12]	24	44	38.9	Mer.	175	6	
	7	49.25	3			25.27			39.0	Tr.	229	105	[12] One of seven threads rejected; R. A.=25ˢ.73.
	5	49.26	2			25.33			39.9	Tr.	231	15	
	5	48.42	5			25.59			35.2	Mer.	126	11	
	7	48.40	6			25.59			37.4	Mu.	165	16	
11267	8	47.34	1	13	36	26.66	26	53	21.4	Mu.	112	56	
	9	47.34	1			26.72			20.8	Mer.	99	68	
11268	8	46.30	2	13	36	28.35	40	32	50.6	Mer.	11	68	
11269	9	47.34	1	13	36	36.09	26	28	36.0	Mu.	113	77	
11270	9	49.12	1	13	36	40.61	32	31	3.8	Mu.	225	78	
	8	46.43	3			40.69			4.6	Mu.	21	3	
11271	10	49.22	2	13	36	41.50	35	37	39.9	Tr.	226	5	
11272	8	46.39	4	13	36	42.05	38	35	59.2	Mu.	15	4	
	6	49.25	3			42.39[13]			61.1	Mer.	173	110	[13] R. A. decreased 1 min.
	9	49.26	1			43.02			68.1	Mu.	246	24	
11273	9.10	47.27	3	13	36	42.93[14]	31	34	8.8	Mu.	108	45	[14] GZ gives 45ˢ.1.
	9	49.24	1			45.18			7.7	Mer.	172	75	
11274	8	46.38	5	13	36	47.31	35	10	5.9	Mu.	14	1	
	8.7	49.22	3			47.38			5.3	Tr.	224	38	
11275	9	47.28	1	13	36	50.98	28	15	....	Mer.	92	102	
	8.9	46.40	2			51.14			41.0	Mer.	23	13	
11276	10	49.22	2	13	36	54.31	33	13	2.8	Mu.	241	36	
11277	7	46.38	1	13	36	59.20	29	41	7.4	Mu.	13	2	
	10	49.38	1			59.32			7.3	Tr.	241	55	
	9	49.24	4			59.32			5.6	Mu.	242	70	
	9	47.32	1			59.50			14.6[15]	Mer.	97	23	[15] If micrometer reading be assumed as 41.404 instead of 41.104 rev., as recorded, Decl.= 4″.3.
11278	..	49.22	3	13	37	6.95	33	59	22.7	Mer.	170	43	
11279	7	47.34	1	13	37	9.53	27	5	53.5	Mu.	112	57	
	8	46.42	3			9.87			56.8	Mer.	25	5	
	9	47.34	2			9.92[16]			52.9	Mer.	99	69	[16] One of three threads rejected; R. A.=9ˢ.13.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
11280	4	49.24	5	13	37	10.74	32	16	56.2	Mer.	172	76	
	6	49.12	1			10.89			55.8	Mu.	225	79	
	4	46.43	3			11.11			55.6	Mu.	21	4	
11281	10	47.28	1	13	37	12.49[1]	28	13	....	Mer.	92	103	[1] R. A. decreased 2 min.
11282	9	48.30	3	13	37	13.28	27	51	5.0	Mer.	227	77	
	9	47.41	1			13.47			6.7	Mu.	116	18	
	10	48.34	1			13.90[2]			6.3	Mu.	164	35	[2] "Minute doubtful." R. A. decreased 2 min.
11283	4	48.40	3	13	37	15.19[3]	25	21	34.9	Mer.	124	11	[3] One of four threads rejected; R. A. = $16^{s}.24$.
	7	48.30	4			15.47[4]			38.2	Mu.	163	84	[4] One of five threads rejected; R. A. = $14^{s}.58$.
	5	49.26	2			15.48			38.5	Tr.	231	16	
	7	48.40	1			15.52			37.9	Mu.	165	17	
11284	9	46.34	3	13	37	19.01	28	51	39.8	Mer.	15	59	
11285	10	48.42	2	13	37	19.47	24	55	8.3	Mer.	126	12	
11286	9	51.35	5	13	37	28.57	21	27	28.6	Mer.	240	31	
11287	8	49.22	2	13	37	31.07	34	25	7.9	Mu.	239	38	
11288	9	46.40	2	13	37	35. . .[5]	36	9	44.6	Mu.	16	10	[5] Separate threads give $36^{s}.25$, $35^{s}.15$.
11289	9	52.39	5	13	37	35.18	20	34	56.4	Tr.	278	25	
11290	9	49.26	2	13	37	40. . .[6]	24	35	46.4	Mer.	175	7	[6] Separate threads give $40^{s}.00$, $40^{s}.89$.
	10	49.25	1			40.20			46.2[7]	Tr.	229	106	[7] Decl. changed one wire interval north.
11291	7	46.38	1	13	37	46.01[8]	29	43	11.3	Mu.	13	3	[8] R. A. decreased 10 sec.
	9	49.38	1			46.16			12.1[9]	Tr.	241	56	[9] Decl. changed one wire interval north.
	9	49.24	3			46.33			10.4	Mu.	242	71	
	8	47.32	3			46.37			11.7	Mer.	97	24	
11292	9	49.29	4	13	37	50.04	23	27	3.1	Mer.	179	141	
	10	49.29	2			50.05			4.9	Mu.	251	136	
11293	9	49.22	3	13	37	51.09	33	1	10.6[10]	Mu.	241	37	[10] Decl. changed four rev. south.
11294	9	49.24	1	13	37	55.30	31	58	56.7	Mer.	172	77	
11295	9	49.22	2	13	38	2.41	35	39	0.5	Tr.	226	6	
11296	10	49.24	1	13	38	9.21	37	6	2.0	Mu.	243	70	
11297	7	46.38	3	13	38	12.47[11]	35	29	54.5	Mu.	14	2	[11] One of four threads rejected; R. A. = $13^{s}.53$.
	7	46.29	2			12.88[12]			54.6	Tr.	11	42	[12] R. A. increased one thread interval.
11298	9	46.40	2	13	38	25.44	37	26	44.0	Mu.	17	3	
11299	8	47.27	3	13	38	27.78	28	55	10.2[13]	Mer.	91	115	[13] Decl. changed five rev. south.
11300	9	51.35	5	13	38	38.25	21	10	53.0	Mer.	240	32	
11301	7	52.40	5	13	38	46.03	19	11	0.4	Tr.	279	13	
11302	10	49.26	1	13	38	48.95	24	8	17.8	Mer.	175	8	
11303	10	48.34	1	13	38	53.67[14]	22	43	23.1	Mer.	122	51	[14] R. A. increased 1 min.
	9	49.29	2			54.49			23.1[15]	Tr.	237	90	[15] Decl. changed two rev. north
11304	8	52.39	5	13	38	55.83	20	42	52.3	Tr.	278	26	
11305	11	46.29	2	13	38	58.75	35	51	14.3	Tr.	11	43	
	8.9	49.22	2			58.81			11.4	Tr.	226	7	
11306	7	52.40	5	13	39	4.29	19	32	3.3	Tr.	279	14	
11307	9	49.24	2	13	39	5.18[16]	31	40	39.3	Mer.	172	78	[16] R. A. decreased one thread interval.
	9	47.27	3			5.61			37.3	Mu.	108	46[17]	[17] Uncertain which component observed. See No. 11309.
11308	8	46.40	2	13	39	6.17	36	13	55.7	Mu.	16	11	
11309	9	49.24	2	13	39	6.18[18]	31	40	36.6	Mer.	172	79	[18] R. A. decreased one thread interval.
11310	9	49.22	3	13	39	7.90	34	21	43.6	Mu.	239	39	
11311	10	49.12	1	13	39	11.58	32	40	13.2	Mu.	225	80	
11312	9	46.39	4	13	39	13.64	41	25	54.3[19]	Mer.	20	2	[19] Decl. changed one rev. south.
11313	10	49.24	2	13	39	17.07	39	41	15.9	Tr.	228	57	
11314	9	48.30	6	13	39	18.21	27	50	48.5	Mer.	227	78	
11315	10	49.26	3	13	39	25.29	37	49	5.1	Mu.	246	25	
11316	9	46.40	5	13	39	25.73	37	30	38.8	Mu.	17	4	
11317	9	49.29	2	13	39	25.88	22	40	1.1	Tr.	237	91	
11318	7	52.40	5	13	39	28.49	19	34	18.5	Tr.	279	15	
11319	9.10	47.27	1	13	39	33.83	31	29	12.5	Mu.	108	47	
	..	46.42	1			34.38			....	Mu.	19	13	
11320	9	49.24	2	13	39	40.74	39	19	43.1	Tr.	228	58	
11321	8.9	48.30	3	13	39	43.38	25	33	24.9	Mu.	163	85	
	7	48.40	3			43.38			22.9	Mer.	124	12	
11322	5	46.38	1	13	39	50.92	29	59	52.0	Mu.	13	4	
	8.9	49.24	4			51.74			53.5	Mu.	242	72	
	8	47.20	3			51.99			53.4	Mer.	88	81	
11323	9	46.34	3	13	39	52.13	29	16	37.3	Mer.	15	60	
11324	5	46.40	4	13	39	54.87	36	22	36.0	Mu.	16	12	
11325	10	47.32	1	13	40	2.08	29	28	47.6	Mer.	97	25	
11326	9.10	47.27	1	13	40	10.87	31	27	34.1	Mu.	108	48	
11327	..	51.35	5	13	40	15.65	21	24	21.2[20]	Mer.	240	33	[20] Decl. changed three wire intervals south.
11328	6	49.22	3	13	40	17.96	34	56	47.5	Tr.	224	39	
	7.8	46.38	5			18.10			48.4	Mu.	14	3	
11329	9.10	49.12	1	13	40	20.85	32	36	26.3	Mu.	225	81	
11330	8	49.24	1	13	40	21.97	39	46	0.4	Tr.	228	59	
11331	8	47.27	3	13	40	22.20[21]	28	54	37.3	Mer.	91	116	[21] One of four threads rejected; R. A. = $20^{s}.58$.
	7	46.34	6			22.26			36.6[22]	Mer.	15	61	[22] Decl. changed one rev. north.
	9	47.34	1			22.54			32.3	Tr.	116	35	
11332	9	49.27	3	13	40	26.10	30	37	30.3	Tr.	232	86	
	8	49.38	4			26.22			31.8	Mer.	182	3	
	9	47.40	1			26.22			30.4	Tr.	119	1	
	10	49.24	4			26.25			30.2	Tr.	227	63	
11333	8	49.24	1	13	40	26.67	39	45	57.8	Tr.	228	60	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
11334	6	46.38	2	13	40	27.31	29	57	39.0	Mu.	13	5	
	8	47.20	1			27.67			41.3	Mer.	88	82	
	8	49.24	4			27.76			37.6[1]	Mu.	242	73	[1] Decl. changed one rev. north.
11335	8	47.38	4	13	40	34.57	27	36	49.9	Mer.	188	4	
	7	47.41	4			34.64			56.2	Mu.	116	19	
	7.8	46.42	2			34.69			55.0	Mer.	25	6	
11336	5	46.38	5	13	40	36.19	41	43	25.8	Mer.	19	7	
	5	46.39	4			36.23			27.6	Mer.	20	3	
	7	46.38	7			36.27			21.2	Mer.	16	11	
11337	10	47.38	1	13	40	39.54	27	37	....	Mer.	188	5	
11338	10	49.26	1	13	40	41.40	37	54	33.2	Mu.	246	26	
11339	9	47.34	1	13	40	43.45	26	30	18.2	Mu.	113	78	
	..	47.34	5			43.49			17.3	Mer.	98	43	
11340	9	49.22	4	13	40	43.48	33	4	25.3	Mu.	241	38	
11341	4	49.22	6	13	40	46.62[2]	33	41	54.5	Mer.	170	44	[2] One of seven threads rejected; R. A.=$45^{s}.89$.
11342	10	49.22	1	13	40	50.64	34	54	15.2	Tr.	224	40	
11343	9	49.22	3	13	40	56.31	35	51	25.6	Tr.	226	8	
	10	46.29	2			56.37			26.7	Tr.	11	44	
11344	10	49.24	2	13	41	0.32	30	44	47.0	Tr.	227	64	
11345	7	48.40	3	13	41	3.25	25	35	55.2	Mer.	124	13	
	8	48.30	2			3.49			53.5	Mu.	163	86	
11346	9	48.40	1	13	41	3.55	25	28	17.0	Mer.	124	14	
11347	10	47.34	1	13	41	11.76	26	52	48.0	Mer.	99	70	
11348	8	46.40	3	13	41	11.91	28	41	47.9	Mer.	23	14	
11349	9	47.28	1	13	41	20.23	27	53	....	Mer.	92	104	
11350	7	49.24	3	13	41	23.29	31	55	0.3[3]	Mer.	172	80	[3] Decl. changed ten rev. south.
11351	6	46.39	4	13	41	24.70	39	9	10.5	Mu.	15	5	
	7	49.24	1			24.74			11.7	Tr.	228	61	
	5	49.25	4			24.76			9.7	Mer.	173	112	
11352	7	52.40	5	13	41	25.51	19	16	35.5	Tr.	279	16	
11353	10	49.25	3	13	41	25.89	24	36	13.0	Tr.	229	107	
	9	49.26	7			26.08			22.8	Mer.	175	9	
11354	7	46.42	2	13	41	25.90	27	26	9.8	Mer.	25	7	
	7	47.41	1			26.08			13.3	Mu.	116	20	
	8	48.30	6			26.28[4]			12.1	Mer.	227	79	[4] Four threads decreased 10 sec. each.
11355	10	48.30	4	13	41	32.92[5]	27	26	3.6	Mer.	227	80	[5] Three threads decreased 10 sec. each.
	9	47.41	1			32.94			5.5	Mu.	116	21	
11356	8.9	49.26	3	13	41	35.94	38	20	51.7	Mu.	246	27	
11357	10	49.22	1	13	41	36.02	34	36	46.9	Mu.	239	40	
11358	8	46.32	3	13	41	37.20	28	19	52.8	Tr.	16	31	
	8	47.38	3			37.32			53.0	Tr.	118	1	
	6	48.34	4			37.39			56.7	Mu.	164	36	
	6	47.28	3			37.70			....	Mer.	92	105	
11359	8	46.40	3	13	41	38.50	28	44	21.6	Mer.	23	15	
11360	..	51.35	5	13	41	46.77	21	20	33.2	Mer.	240	34[6]	[6] An equatorial comparison with AW 10808 = CiZ 2410 indicates that this may be CiZ 2404, with an annual proper motion of $-0^{s}.12$, $-0''.5$.
11361	8	49.24	2	13	41	47.41	30	19	8.4	Mu.	242	74	
	7	49.38	2			47.50			10.0[7]	Mer.	182	4	
	8	47.20	1			47.57			5.8	Mer.	88	83	
	7	49.27	1			47.64			11.6	Tr.	232	87	[7] Decl. changed one rev. north.
11362	8	46.43	4	13	41	48.76	32	25	50.3	Mu.	21	5	
11363	6	52.39	5	13	41	57.66	20	31	11.5	Tr.	278	27	
11364	9	46.40	3	13	41	58.85	37	23	21.4	Mu.	17	5	
	7	49.24	1			59.99			21.6	Mu.	243	71	
11365	7	49.27	1	13	42	6.02	30	27	28.3	Tr.	232	88	
	8	47.40	1			6.08			29.9	Tr.	119	2	
	6	49.38	3			6.13			28.5	Mer.	182	5	
	8	49.24	2			6.16			28.1	Mu.	242	75	
	7	49.24	2			6.22			29.8	Tr.	227	65	
11366	10	49.38	1	13	42	6.48	29	30	46.6	Tr.	241	57	
11367	9	48.42	1	13	42	10.00	25	19	5.2	Mer.	126	13	
11368	9	47.34	2	13	42	11.99	29	7	41.8	Tr.	116	36	
	8	47.32	4			12.02[8]			39.9	Mer.	97	26	[8] One of five threads rejected; R. A.=$11^{s}.00$
	8.7	49.38	2			12.03			41.5	Tr.	241	58	
	7.8	46.34	7			12.18			38.8	Mer.	15	62	
11369	8	47.41	1	13	42	17.35	27	33	38.4	Mu.	116	22	
11370	9	47.40	1	13	42	17.74	30	28	61.5	Tr.	119	3	
	7	49.38	1			18.24			58.0	Mer.	182	6	
11371	10	49.36	1	13	42	21.66	23	36	15.6[9]	Tr.	240	1	[9] Decl. changed two rev. south.
11372	5	52.40	5	13	42	22.03	19	9	1.6	Tr.	279	17	
11373	7	49.26	2	13	42	25.01	24	13	61.2	Mer.	175	10	
	9	49.25	3			25.11			58.9	Tr.	229	108	
11374	9.10	49.22	3	13	42	25.96	33	2	18.7	Mu.	241	39	
11375	7.8	47.34	4	13	42	27.25	26	57	37.1	Mu	112	58	
	8	47.34	1			27.46			33.8	Mer.	99	71	
11376	9	48.30	1	13	42	30.12	27	30	51.1	Mer.	227	81	
	8	47.41	1			30.97			47.6	Mu.	116	23	
11377	7	49.24	2	13	42	33.03	37	10	0.4	Mu.	243	72	
11378	8	46.38	1	13	42	35.75	29	49	8.8	Mu.	13	6	[10] If micrometer reading be assumed as 37.50 instead of 37.20 rev., as recorded, Decl. = $10''.5$.
	8	47.32	1			35.75			20.8[10]	Mer.	97	27	
11379	9.10	49.22	2	13	42	36.14	33	8	50.6	Mu.	241	40	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
11380	8	46.40	3	13	42	37.62	36	38	44.2	Mu.	16	13	
11381	6	52.39	5	13	42	39.80	20	39	30.2	Tr.	278	28	
11382	9	46.34	3	13	42	40.47	29	19	18.9	Mer.	15	63	
11383	10	49.22	1	13	42	41.63	35	14	36.8	Tr.	224	41	
11384	8.9	49.22	3	13	42	51.25	35	40	57.3	Tr.	226	9	
11385	8	47.34	1	13	42	57.68	26	53	14.6	Mu.	112	59	
	8	47.34	2			57.79			12.2	Mer.	99	72	
11386	8	47.32	1	13	42	59.88	29	41	7.4	Mer.	97	28	
11387	10	49.22	3	13	43	2.62	33	55	15.5	Mer.	170	45	
11388	6.7	49.36	1	13	43	5.60[1]	23	38	1.3	Tr.	240	2	[1] Ya gives $4^{s}.5$. Gou gives $4^{s}.4$. Bo VI gives $5^{s}.0$.
11389	7	49.38	2	13	43	6.98	30	34	15.3	Mer.	182	7	
	7	49.27	2			7.07			15.4	Tr.	232	89	
	8	47.40	1			7.10			20.1	Tr.	119	4	
	8	49.24	2			7.11			16.2	Tr.	227	66	
11390	9.10	49.22	1	13	43	9.80	35	52	31.5	Tr.	226	10	
11391	5	49.24	4	13	43	11.04	32	14	50.2	Mer.	172	81	
	4	46.43	4			11.39[2]			46.4[3]	Mu.	21	6	[2] R. A. decreased one thread interval.
11392	7	49.24	1	13	43	11.73	32	14	53.9	Mer.	172	82	[3] Decl. interchanged with that of Mu 21, No. 7.
	7	46.43	4			12.39[4]			51.6[5]	Mu.	21	7	[4] R. A. decreased one thread interval.
11393	8	49.38	2	13	43	16.10	29	35	18.7	Tr.	241	59	[5] See note on Decl. of No. 11391_2.
	8	47.32	1			16.45			22.2	Mer.	97	29	
11394	8	47.41	1	13	43	18.43	27	34	9.4	Mu.	116	24	
	..	48.30	1			18.43			12.0	Mer.	227	82	
11395	10	49.22	1	13	43	19.86	33	10	48.5	Mu.	241	41	
11396	5	47.27	2	13	43	25.19[6]	30	52	19.4	Mu.	108	49	[6] One of three threads rejected; R. A. = $26^{s}.00$.
	6	49.38	2			25.20			20.8	Mer.	182	8	
	4	46.42	2			.25.70			20.3[7]	Mu.	19	14	[7] Decl. changed one rev. north.
11397	9	49.26	4	13	43	26.01	37	52	28.7	Mu.	246	28	
	9.10	46.40	2			26.04[8]			31.0	Mu.	17	6	[8] R. A. increased two thread intervals. Separate threads give $26^{s}.41$, $25^{s}.67$.
11398	8	48.42	2	13	43	30.21[9]	25	15	32.8	Mer.	126	14	
	9	49.26	2			30.28			28.7	Tr.	231	17	[9] R. A. decreased one thread interval.
	9	48.40	4			30.38			33.1	Mu.	165	18	
	9	48.30	2			30.85			33.2	Mu.	163	87	
11399	8	46.40	2	13	43	41.18	36	5	28.5	Mu.	16	14	
11400	8	49.24	3	13	43	43.87	30	2	25.1	Mu.	242	76	
	..	47.20	2			44.21[10]			26.9	Mer.	88	84	[10] One of three threads rejected; R. A. = $43^{s}.27$.
11401	9	46.38	5	13	43	45.32	41	44	12.3	Mer.	19	8	
	8	46.39	5			45.84			14.7	Mer.	20	4	
11402	8	49.22	3	13	43	49.52	34	19	32.1	Mu.	239	41	
11403	8	49.22	1	13	43	51.16	33	34	24.5	Mer.	170	46	
11404	9	49.24	1	13	44	4.02	29	43	54.0	Mu.	242	77	
	9	49.38	1			4.42			59.0	Tr.	241	60	
11405	8	46.34	2	13	44	6.86	29	16	24.6	Mer.	15	64	
11406	9	49.25	..	13	44	23...	38	37	30.4	Mer.	173	114	
11407	9	49.24	2	13	44	29.46	36	43	41.7	Mu.	243	73	
11408	..	49.22	1	13	44	31.61	33	51	48.6	Mer.	170	47	
11409	9	47.40	2	13	44	32...[11]	30	58	43.0	Tr.	119	5	[11] Separate threads give $31^{s}.39$, $32^{s}.40$. GZ gives $32^{s}.5$.
	9	49.24	2			32.67			44.1	Tr.	227	67	
11410	7	49.25	4	13	44	33.73	38	37	17.3	Mer.	173	113	
11411	8.9	49.26	2	13	44	33.94	38	18	48.3	Mu.	246	29	
11412	9	49.36	1	13	44	34.06	23	57	18.9	Tr.	240	3	
11413	3	46.42	..	13	44	35...	31	11	4.6	Mu.	19	15	
	6	47.27	3			35.12[12]			3.3	Mu.	108	50	[12] R. A. decreased 1 min.
	3	47.34	2			35.15			3.2	Tr.	115	61	
11414	9	49.22	2	13	44	41.89	35	36	40.4	Tr.	226	11	
11415	..	49.22	2	13	44	44.85	33	52	35.0	Mer.	170	48	
11416	8	49.29	3	13	44	46.05	22	46	10.7	Tr.	237	92	
	10	48.34	3			46.10[13]			12.9	Mer.	122	52	[13] R. A. decreased 1 min.
11417	9	46.38	1	13	44	47.26	34	54	12.5	Mu.	14	5	
	9	49.22	1			47.47			9.3	Tr.	224	43	
11418	7	46.38	6	13	44	47.62	34	55	16.5	Mu.	14	4	
	6.7	49.22	2			47.77			14.1	Tr.	224	42	
11419	9.10	49.22	2	13	44	54.22	32	50	19.5	Mu.	241	42	
11420	..	49.22	1	13	44	58.79[14]	33	55	26.0	Mer.	170	49	[14] R. A. decreased 1 min.
11421	8	47.28	1	13	44	58.94	28	16	....	Mer.	92	106	
	9	47.38	1			59.51			15.8	Tr.	118	2	
	8	46.40	2			59.74			15.3	Mer.	23	16	
	9	48.34	2			60.18[15]			18.0	Mu.	164	37	[15] One of three threads rejected; R. A. = $59^{s}.27$.
11422	4	49.22	2	13	45	9.98	34	34	11.2	Mu.	239	42	
11423	9	52.40	5	13	45	11.68	19	16	1.0	Tr.	279	18	
11424	8	47.38	3	13	45	13.24[16]	27	24	41.4	Mer.	188	6	[16] One of four threads rejected; R. A. = $12^{s}.12$.
	8	48.30	4			13.29			40.4	Mer.	227	83	
	8	47.41	1			13.62			39.6	Mu.	116	25	
11425	6.7	47.34	4	13	45	15.34	25	57	53.0	Mu.	113	79	
	8	48.30	4			15.38			53.7	Mu.	163	88	
	8	48.40	4			15.45			52.9	Mer.	124	15	
11426	8	47.32	1	13	45	16.07	29	32	30.5	Mer.	97	30	
	8	49.38	2			16.15			34.4	Tr.	241	61	
11427	8	47.32	1	13	45	19.57	29	16	9.4	Mer.	97	31	
	7.8	46.34	4			19.95			8.0	Mer.	15	65	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
11428	8	46.40	3	13	45	20.99	36	7	18.3	Mu.	16	15	
11429	8	48.30	5	13	45	31.24	27	24	2.1	Mer.	227	84	
	8	47.38	2			31.75			6.4[1]	Mer.	188	7	[1] Decl. changed one rev. north.
	8	47.41	1			31.77			4.1	Mu.	116	26	
11430	8	49.22	1	13	45	34.41	34	39	15.7	Mu.	239	43	
	9	49.22	1			34.72			20.2	Tr.	224	44	
11431	9	49.29	2	13	45	42.02	22	48	8.7	Tr.	237	93	
	10	48.34	2			42.03			8.9[2]	Mer.	122	53	[2] Decl. changed one rev. south.
11432	7	47.34	2	13	45	42.10[3]	31	42	14.8	Tr.	115	62	[3] Separate threads give $42^{s}.49$, $41^{s}.71$.
	8	47.27	1			42.40			15.4[4]	Mu.	108	51	[4] Decl. changed twenty rev. south.
	8	49.24	5			42.66			12.0[5]	Mer.	172	83	[5] Decl. changed ten rev. south.
11433	8	47.38	1	13	45	45.37	28	0	4.9	Tr.	118	3	
	8	46.32	3			45.44			....	Tr.	16	32	
	7	48.34	4			45.52			6.1	Mu.	164	38	
	8	47.28	1			45.73			....	Mer.	92	107	
11434	3	48.30	1	13	45	47.85	27	49	....	Mer.	227	85	
	6.7	48.34	4			48.14			31.7	Mu.	164	39	
	6	47.41	1			48.24			31.5[6]	Mu.	116	27	[6] Decl. changed five rev. south.
11435	5	49.22	1	13	45	55.10	33	51	15.1	Mer.	170	50	
11436	8.9	49.24	1	13	45	57.61	37	11	3.5	Mu.	243	74	
11437	9	48.42	3	13	46	5.60	25	2	43.6	Mer.	126	15	
11438	6	51.35	..	13	46	13. . .	21	30	2.5[7]	Mer.	240	35	[7] Decl. changed three wire intervals south.
11439	8	47.28	1	13	46	19.07[8]	28	11	....	Mer.	92	108	[8] Minute assumed.
	8	46.40	2			19.11			11.6	Mer.	23	17	
11440	8	49.24	2	13	46	24.75	31	37	2.3	Mer.	172	84	
11441	6	52.39	5	13	46	35.41	20	46	0.9	Tr.	278	29	
11442	8.9	47.27	..	13	46	37. . .	31	21	33.4[9]	Mu.	108	52	[9] Decl. changed twenty rev. south.
	7	47.34	1			37.51[10]			35.1	Tr.	115	63	[10] R. A. decreased one thread interval.
11443	7.8	46.39	7	13	46	40.28	41	15	17.7	Mer.	20	5	
11444	9	46.38	3	13	46	48.16	35	5	28.7	Mu.	14	6	
	9	49.22	1			48.79			32.2	Tr.	224	45	
11445	9	49.26	1	13	46	52.00	24	39	12.2	Tr.	231	18	
	9	49.26	3			52.14			11.8	Mer.	175	11	
	9	48.40	2			52.30[11]			12.3	Mu.	165	19	[11] Separate threads give $52^{s}.65$, $51^{s}.95$.
	6	48.42	2			52.39			8.0	Mer.	126	16	
11446	9	49.25	3	13	46	53.10	24	27	36.1	Tr.	229	109	
	9	49.26	2			53.13			37.3	Mer.	175	12	
11447	6	48.40	3	13	46	53.12[12]	25	41	....	Mer.	124	16	[12] R. A. increased 1 min.
	8.9	48.30	3			53.32			26.1	Mu.	163	89	
11448	8	49.24	1	13	46	58.14	31	59	55.1	Mer.	172	85	
11449	7	46.39	4	13	47	1.65	38	40	11.8	Mu.	15	6	
	6	49.25	4			1.70			15.0	Mer.	173	115	
11450	8	49.24	1	13	47	3.14	32	2	15.2	Mer.	172	86	
11451	7	47.40	2	13	47	7.96	30	32	47.1	Tr.	119	6	
	7	49.27	4			8.04			46.8	Tr.	232	90	
	6.7	49.24	3			8.06			47.9	Tr.	227	68	
	6	49.38	4			8.22			49.6	Mer.	182	9	
11452	8	52.39	5	13	47	8.03	20	49	32.5	Tr.	278	30	
11453	5	52.40	4	13	47	9.41[13]	19	22	57.0	Tr.	279	19	[13] One of five threads rejected; R. A. = $10^{s}.05$
11454	..	51.35	5	13	47	12.68	22	1	....	Mu.	277	39	
11455	9	49.36	1	13	47	15.50	23	56	32.2	Tr.	240	4	
11456	9	47.40	1	13	47	16.83	30	52	14.0	Tr.	119	7	
11457	8	49.24	3	13	47	18.58	29	50	22.8	Mu.	242	78	
	7	47.20	4			18.71[14]			22.5	Mer.	88	85	[14] R. A. increased 1 min.
	6	46.38	4			18.77			24.3	Mu.	13	7	
11458	8	49.24	1	13	47	18.85	32	0	59.7	Mer.	172	87	
11459	9	46.40	2	13	47	20.27	37	55	31.7	Mu.	17	7	
	8.9	49.26	4			20.64			26.6	Mu.	246	30	
11460	9	48.40	2	13	47	23.80	24	52	37.4	Mu.	165	20	
	8	48.42	2			23.93[15]			36.4[16]	Mer.	126	17	[15] R. A. decreased one thread interval.
	9	49.26	1			24.48			39.1[17]	Tr.	231	19	[16] Decl. changed ten rev. north.
11461	10	48.34	2	13	47	24.54	22	35	55.7[18]	Mer.	122	54	[17] Decl. changed one rev. north.
11462	8	47.32	4	13	47	28.17[19]	29	8	46.0	Mer.	97	32	[18] Decl. changed one rev. south.
	8	46.34	2			28.36			47.0	Tr.	17	1	[19] R. A. decreased 10 sec.
	7.8	46.34	7			28.53			48.6[20]	Mer.	15	66	[20] Decl. changed one rev. north.
	9	49.38	2			28.56			50.0	Tr.	241	62	
	7	47.27	3			28.58[21]			45.6	Mer.	91	117	[21] First two threads increased 1 sec. each. Separate threads as recorded give $27^{s}.58$, $27^{s}.74$, $28^{s}.42$.
	9	47.34	1			28.62			46.9	Tr.	116	37	
11463	9.10	49.22	3	13	47	29.14	33	8	14.8	Mu.	241	43	
11464	9.10	48.40	..	13	47	33. . .	24	47	31.5	Mu.	165	21	
	8	48.42	2			33.69[22]			35.5	Mer.	126	18	[22] R. A. decreased one thread interval. Separate threads give $34^{s}.08$, $33^{s}.29$.
11465	10	47.34	1	13	47	36.34	26	56	23.8	Mer.	99	73	
11466	8	49.22	2	13	47	37.37	34	21	59.2	Mu.	239	44	
11467	9	52.40	5	13	47	37.60	19	30	41.3	Tr.	279	20	
11468	8.9	46.40	3	13	47	48.20	37	34	51.9	Mu.	17	9	
11469	9	46.40	3	13	47	55.60	37	39	38.7	Mu.	17	8	
11470	6	47.34	2	13	48	1.20	26	54	4.2	Mu.	112	60	
	8	47.34	2			1.43			2.0	Mer.	99	74	
11471	9	49.26	2	13	48	10.46	38	22	59.2	Mu.	246	31	
11472	7	49.22	1	13	48	22.17	34	9	59.6	Mer.	170	51	
	7	49.22	1			22.44			61.3	Mu.	239	45	

NO	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
11473	8.9	47.34	1	13	48	23.58[1]	26	25	4.6	Mu.	113	80	[1] An equatorial comparison with GZ 2867 gives $25^{s}.4$.
	9	47.34	2			25.48[2]			7.0	Mer.	98	44	
11474	7	47.34	1	13	48	23.82	26	55	21.7	Mu.	112	61	[2] R. A. decreased 1 min.
	9	47.34	1			24.23[3]			28.9	Mer.	99	75	[3] Minute assumed.
11475	..	49.24	2	13	48	26.34	36	55	5.1	Mu.	243	75	
11476	8	46.40	2	13	48	29.79	36	25	44.6	Mu.	16	16	
11477	9	52.40	5	13	48	31.07	20	2	9.4[4]	Mer.	249	1	[4] Decl. changed one rev. south.
11478	8	46.40	2	13	48	37.46	28	41	17.6	Mer.	23	18	
	..	47.27	1			37.54			14.7	Mer.	91	118	
	9	46.34	2			37.91			14.8[5]	Mer.	15	67	[5] Decl. changed five rev. south.
11479	7.8	47.34	3	13	48	38.53	26	47	6.6	Mu.	112	62	
	9	47.34	1			38.54[6]			1.9	Mer.	99	76	[6] Minute assumed.
11480	8	49.29	2	13	48	38.56	22	21	55.3	Tr.	237	94	
	10	48.34	2			39.82			65.4[7]	Mer.	122	55	[7] Decl. changed ten rev. south.
11481	9	46.38	3	13	48	42.06	34	42	20.3[8]	Mu.	14	7	[8] Decl. changed one rev. south.
11482	8.7	49.36	3	13	48	42.40	23	40	36.7	Tr.	240	5	
11483	8	48.34	3	13	48	45.48	27	53	56.4	Mu.	164	40	
	7	48.30	4			45.49			58.2	Mer.	227	86	
	6	47.28	3			45.67[9]			....	Mer.	92	109	[9] One of four threads rejected; R. A.=$44^{s}.78$.
	7.8	47.38	2			45.69[10]			63.3	Mer.	188	8	[10] R. A. increased 1 min. One of three threads rejected; R. A.=$44^{s}.79$.
	7	47.41	3			45.76			56.8	Mu.	116	28	
11484	8	46.39	3	13	48	48.80	38	35	54.3	Mu.	15	7	
	7	49.25	4			49.19			52.4	Mer.	173	116	
	9	49.26	1			49.22			54.2	Mu.	246	32	
11485	10	47.40	1	13	48	56.28	30	54	59.2	Tr.	119	8	
11486	11	49.25	2	13	48	58.34[11]	24	4	48.9	Tr.	229	110	[11] Minute assumed.
11487	8	51.35	3	13	49	1.04	20	54	47.3	Mer.	240	36	
11488	10	49.24	2	13	49	3.52	39	13	40.5	Tr.	228	62	
11489	8	49.24	2	13	49	5.07[12]	30	19	61.5	Mu.	242	79	[12] One of three threads rejected; R. A.=$5^{s}.81$.
	7.8	49.24	3			5.36			70.9[13]	Tr.	227	69	[13] If micrometer reading be assumed as 11.30 instead of 11.50 rev., as recorded, Decl.= 60″.8.
	8	47.20	2			5.38			61.4	Mer.	88	86	
	7	49.27	2			5.52[14]			59.4	Tr.	232	91	
	7	46.38	3			5.60			58.7	Mu.	13	8	[14] R. A. increased 1 min.
	8	49.38	5			5.65			60.8	Mer.	182	10	
11490	8.9	48.34	2	13	49	6.98	22	17	17.5[15]	Mer.	122	56	[15] Decl. changed one rev. south.
	7	49.29	3			7.45			18.6	Tr.	237	95	
11491	10	49.22	2	13	49	7.07	35	44	38.6	Tr.	226	12	
11492	6.7	46.39	7	13	49	10.60	41	21	55.7	Mer.	20	6	
11493	9	49.22	3	13	49	14.25	33	27	21.5	Mu.	241	44	
	7	49.22	1			14.25			22.6	Mer.	170	52	
11494	9	48.34	2	13	49	16.23	28	19	29.2	Mu.	164	41	
	9	47.38	2			16.39			29.9	Tr.	118	4	
	8	46.40	2			16.56			28.1	Mer.	23	19	
	8	47.28	1			16.58			....	Mer.	92	110	
11495	7	49.27	2	13	49	18.12	30	13	46.5	Tr.	232	92	
	8	49.24	2			18.36			39.5	Mu.	242	80	
	8	46.38	3			18.44			42.0	Mu.	13	9	
	8	47.20	2			18.94[16]			47.6	Mer.	88	87	[16] Minute assumed.
11496	9	49.22	3	13	49	19.88	33	14	32.4	Mu.	241	45	
11497	7	49.22	1	13	49	22.94	33	39	32.4	Mer.	170	53	
11498	3.4	46.29	7	13	49	26.47	44	4	4.9	Mer.	5	22	
11499	7.8	48.40	2	13	49	31.72[17]	25	15	47.4	Mu.	165	22	[17] One of three threads rejected; R. A =$32^{s}.49$.
	6	48.42	4			31.85			48.0	Mer.	126	19	
	4	48.40	3			31.86			49.3	Mer.	124	17	
	5	49.26	3			31.94			46.7	Tr.	231	20	
	7	48.30	4			32.02			49.5	Mu.	163	90	
11500	7	51.35	3	13	49	35.41	20	51	39.9	Mer.	240	37	
	8	52.39	5			35.56			35.5	Tr.	278	31	
11501	6	47.27	3	13	49	35.49	29	0	32.0	Mer.	91	119	
	7	46.34	4			35.62			30.1	Mer.	15	68	
	5.6	49.38	1			35.69			30.6	Tr.	241	63	
	7	47.34	2			35.97			33.1	Tr.	116	38	
11502	8	52.40	3	13	49	41.90[18]	19	54	36.6	Mer.	249	2	[18] Two of five threads rejected; R. A.=$40^{s}.33$, $41^{s}.49$.
11503	8	46.34	1	13	49	42.07	29	20	28.6	Tr.	17	2	
	8	47.32	4			42.24			27.3	Mer.	97	33	
11504	7	49.22	1	13	49	52.11	33	39	43.0	Mer.	170	54	
11505	8.9	46.26	5	13	49	53.35	44	43	57.7	Mer.	1	17	
11506	8	49.22	2	13	49	55.36	34	13	17.0	Mu.	239	46	
11507	9	49.22	2	13	49	57.86	33	15	16.3	Mu.	241	46	
11508	10	47.40	1	13	50	1.78	30	19	59.2	Tr.	119	9	
11509	6	49.26	5	13	50	6.81	24	14	14.1	Mer.	175	13	
	6	49.25	4			6.99[19]			16.0	Tr.	229	111	[19] R. A. decreased 1 min.
11510	9	49.24	3	13	50	14.94	39	23	22.1	Tr.	228	63	
11511	7.6	49.24	2	13	50	15.15	36	51	44.2[20]	Mu.	243	76	[20] Decl. changed five rev. south.
11512	8	47.34	1	13	50	15.44[21]	25	56	12.4	Mu.	113	81	[21] GZ gives $17^{s}.3$.
	10	49.28	1			16.95			15.0	Tr.	235	59	
	9	48.40	2			17.16			14.4[22]	Mer.	124	18	[22] Decl. changed one rev. north.
11513	8	46.30	4	13	50	18.38	40	9	6.1	Mer.	11	69	
11514	10	48.34	1	13	50	21.01	22	30	47.7[23]	Mer.	122	57[24]	[23] Decl. changed one rev. south.
11515	8	46.34	2	13	50	22.68	29	25	20.8	Tr.	17	3	[24] An equatorial comparison with AW 10858 gives a star at $21^{s}.9$, 33″.
	8	47.32	3			22.77			20.9	Mer.	97	34	
	9	49.38	1			22.81			24.9	Tr.	241	64	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
11516	9	47.38	3	13	50	27.20	27	29	54.6	Mer.	188	9	
	7	48.30	6			27.35			52.5	Mer.	227	87	
	8.9	47.41	3			27.36			52.5	Mu.	116	29	
11517	9	49.24	1	13	50	34.68	36	35	22.9 [1]	Mu.	243	77	[1] Micrometer rev. and wire assumed.
11518	8	48.42	2	13	50	41. . . [2]	24	48	48.2	Mer.	126	20	[2] R. A. decreased one thread interval. Separate threads give $41^s.01$, $41^s.87$. AW gives $41^s.9$.
	9	49.26	1			41.84			45.1	Tr.	231	21	
11519	8.9	47.27	4	13	50	43.14	31	0	37.5 [3]	Mu.	108	53	[3] Decl. changed twenty rev. south.
	8	49.38	3			43.35 [4]			38.7	Mer.	182	11	[4] Two threads decreased 10 sec. each.
	6	46.42	4			43.47			39.0	Mu.	19	16	
	9	47.40	1			43.57			39.8	Tr.	119	10	
	9	49.24	3			43.58			39.2	Tr.	227	70	
11520	9	52.40	4	13	50	44.14	19	18	41.8	Tr.	279	21	
11521	9	49.24	2	13	50	44.74	39	11	28.5	Tr.	228	64	
	7	49.25	5			44.93			32.7	Mer.	173	117	
11522	9	47.34	1	13	50	45.92	27	9	8.1	Mer.	99	77	
	8	47.34	1			46.14			2.9	Mu.	112	63	
11523	9	49.36	1	13	50	53.29	23	31	51.2	Tr.	240	6	
11524	8	46.43	4	13	50	58.86 [5]	32	48	26.3 [6]	Mu.	21	8	[5] "Minute doubtful." R. A. decreased 1 min.
	9	49.22	1			59.29			26.1	Mu.	241	47	[6] Decl. changed five rev. north.
11525	8	47.34	1	13	51	6.53 [7]	27	6	. . . .	Mer.	99	78	[7] One of two threads rejected; R. A. $=50^m 49^s.52$.
	7	47.34	1			6.85			6.7	Mu.	112	64	
11526	9	47.34	2	13	51	17.51 [8]	27	1	. . . .	Mer.	99	79	[8] One thread increased 10 sec. GZ gives $18^s.6$.
	9	47.34	1			18.52			34.1	Mu.	112	65	
11527	8	46.38	4	13	51	23.96	35	2	51.1	Mu.	14	8	
11528	10	49.26	3	13	51	24.82	38	37	27.4 [9]	Mu.	246	33	[9] Decl. changed one rev. south.
11529	7	49.24	1	13	51	27.99	36	39	58.7	Mu.	243	78	
11530	8	51.35	5	13	51	33.51	21	36	44.4	Mu.	277	40	
	. .	51.35	5			33.55			46.2	Mer.	240	38	
11531	9	46.39	7	13	51	34.98	41	8	42.9	Mer.	20	7	
11532	9	49.22	1	13	51	35.05	34	32	59.6	Mu.	239	47	
11533	7	49.28	3	13	51	36.24	24	16	34.0	Mu.	249	93	
	6	49.25	4			36.73 [10]			29.8	Tr.	229	112	[10] R. A. decreased 1 min.
	6	49.26	6			36.94			31.2	Mer.	175	14	
11534	8	48.42	2	13	51	37.59	24	48	57.3	Mer.	126	21	
11535	10	49.22	3	13	51	39.43	35	53	8.5	Tr.	226	13	
11536	8	46.38	3	13	51	39.50	35	3	18.8	Mu.	14	9	
11537	8	49.29	3	13	51	41.02	22	41	44.7	Tr.	237	96	
11538	8	49.22	4	13	51	47.68	33	57	9.1	Mer.	170	55	
11539	9	46.40	2	13	51	48.93	37	23	34.8	Mu.	17	10	
11540	9	52.40	5	13	51	53.57	19	41	12.7	Mer.	249	3	
11541	9	48.42	1	13	51	56.50	24	49	22.7	Mer.	126	22	
	10	49.26	1			57.00			22.5	Mer.	175	15	
11542	9	46.40	2	13	51	58.69	37	17	0.4	Mu.	17	11	
11543	10	49.22	2	13	51	59.06	35	50	13.6	Tr.	226	14	
11544	9.10	49.22	3	13	52	6.65	33	23	52.1	Mu.	241	48	
11545	6.7	49.28	2	13	52	7.99	25	31	44.9	Tr.	235	60	
	8	48.30	5			8.05			47.5	Mu.	163	91	
	6	48.40	4			8.11			51.1	Mer.	124	19	
11546	. .	47.27	2	13	52	12. . . [11]	28	55	48.4	Mer.	91	120	[11] Separate threads give $12^s.67$, $11^s.73$.
11547	. .	49.24	1	13	52	12.49	36	44	20.0	Mu.	243	79	
	7	46.40	3			13.21			21.1	Mu.	16	17	
11548	8	46.40	5	13	52	14.74	28	42	45.4	Mer.	23	20	
	8.9	46.34	6			14.75			40.5	Mer.	15	69	
11549	11	47.40	1	13	52	16.26	30	36	6.4	Tr.	119	11	
11550	7	49.24	2	13	52	16.94	39	29	33.2	Tr.	228	65	
11551	7	49.25	1	13	52	17.28	38	31	23.4	Mer.	173	119	
	7	46.39	3			17.46			19.3	Mu.	15	8	
	9	49.26	2			17.54			23.2	Mu.	246	34	
11552	9.10	48.34	2	13	52	20.71	28	22	6.1	Mu.	164	42	
	9	47.28	3			20.82			. . . .	Mer.	92	111	
	10	47.38	1			21.29			4.2	Tr.	118	5	
11553	7	49.25	3	13	52	21.32	38	56	21.7	Mer.	173	118	
11554	10	49.24	1	13	52	23.67	31	34	18.2	Mer.	172	88	
11555	6.7	46.26	5	13	52	23.85	44	52	23.3	Mer.	1	18	
11556	8	48.30	5	13	52	27.62	27	20	11.2	Mer.	227	88	
11557	8	46.40	2	13	52	27.65	36	36	8.6	Mu.	16	18	
11558	8	47.40	1	13	52	43.19	30	36	52.8	Tr.	119	12	
	10	49.24	2			43.50			51.3	Tr.	227	71	
	9	49.27	2			43.57			51.6	Tr.	232	93	
11559	7	49.25	2	13	52	45.65	38	42	27.9	Mer.	173	120	
	7	46.39	2			45.72 [12]			29.6	Mu.	15	9	[12] R. A. decreased one thread interval.
11560	9	49.24	2	13	52	46.20	30	53	20.9	Tr.	227	72	
	8	49.38	5			46.51			22.3	Mer.	182	12	
	5	46.42	4			46.71			22.1	Mu.	19	17	
11561	9	49.29	2	13	52	54.23	22	37	20.2	Tr.	237	97	
	10	48.34	1			54.52 [13]			21.4	Mer.	122	58	[13] R. A. decreased one thread interval.
11562	10	49.26	1	13	52	55.54	38	14	32.6	Mu.	246	35	
11563	8.9	46.34	2	13	53	2. . . [14]	28	40	24.4	Mer.	15	70	[14] Separate threads give $2^s.87$, $1^s.90$.
11564	8.9	47.34	1	13	53	4.19	26	12	13.8	Mu.	113	82	
11565	9	47.34	1	13	53	15.68 [15]	26	35	2.9	Mer.	99	80	[15] R. A. decreased 4 min.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
11566	8.9	46.30	6	13	53	25.21	40	5	15.8	Mer.	11	70	
11567	9	49.22	3	13	53	30.46	35	27	7.5	Tr.	226	15	
	7.8	46.38	3			30.58			6.8[1]	Mu.	14	10	[1] Decl. changed one rev. north.
11568	9.10	48.34	2	13	53	32.81	22	38	39.6	Mer.	122	59	
11569	..	51.35	5	13	53	35.12	21	9	7.0	Mer.	240	40	
	..	51.35	4			35.24[2]			....	Mer.	240	39	[2] One of five threads rejected; R. A.=$35^{s}.89$.
11570	10	47.40	1	13	53	39.38	30	48	13.9	Tr.	119	13	
	9	49.27	3			39.61			8.2	Tr.	232	94	
11571	9	52.39	5	13	53	43.43	20	24	2.2	Tr.	278	32	
11572	8	48.30	3	13	53	50.42	27	41	39.9	Mer.	227	89	
11573	6	47.34	1	13	53	51.58[3]	26	42	14.4	Mer.	99	81	[3] R. A. decreased 5 min.
	5	47.34	2			51.58			11.4[4]	Mu.	112	66	[4] Decl. changed five rev. north.
	6	47.34	4			51.69			14.0[5]	Mer.	98	45	[5] Decl. changed one wire interval south.
11574	10	49.36	1	13	53	52.27	23	35	5.1	Tr.	240	7	
11575	8	49.36	2	13	54	2.64	23	56	0.6	Tr.	240	8	
11576	8	49.22	2	13	54	5.29	34	27	16.7	Mu.	239	48	
11577	6	48.40	3	13	54	8.15	26	7	16.4	Mer.	124	20	
	7	47.34	2			8.31			13.9	Mu.	113	83	
11578	8	46.39	2	13	54	9.41	38	58	35.9	Mu.	15	10	
	7	49.25	1			9.85			31.8	Mer.	173	121	
11579	9	46.34	2	13	54	11.29	28	40	23.0	Mer.	15	71	
11580	7	49.22	3	13	54	17.93	33	48	51.0	Mer.	170	56	
11581	7	49.24	3	13	54	19.96	30	57	41.0	Tr.	227	73	
	4	46.42	2			20.02			40.0	Mu.	19	18	
	6.7	47.27	4			20.06			39.8	Mu.	108	54	
	6	47.40	1			20.14			42.8	Tr.	119	14	
	6	47.34	1			20.15			43.6	Tr.	115	64	
	7	49.38	5			20.25			39.4	Mer.	182	13	
11582	8	51.35	5	13	54	20.48	20	56	6.0	Mer.	240	41	
11583	9	46.30	2	13	54	20.75	40	41	52.6[6]	Mer.	11	71	[6] Decl. changed one wire interval north.
11584	9	46.43	2	13	54	34. . .[7]	32	43	2.4	Mu.	21	9	[7] Separate threads give $35^{s}.39$, $34^{s}.35$. Gou gives $34^{s}.5$.
11585	10	49.24	2	13	54	36.97	39	19	24.2	Tr.	228	66	
11586	9	49.28	2	13	54	41.08[8]	25	56	23.2	Tr.	235	61	[8] R. A. increased 1 min.
11587	9	49.22	2	13	54	41.57	35	44	19.2	Tr.	226	16	
11588	9	47.20	1	13	54	51.92[9]	29	52	22.6	Mer.	88	88	[9] Times of transit interchanged with those of Mer. 88, No. 89.
	8	47.32	1			52.40[10]			24.3	Mer.	97	35	
11589	8.9	46.40	2	13	54	53.45	28	42	61.3	Mer.	23	21	[10] R. A. increased 1 min.
	9	46.34	2			54.04			58.3	Mer.	15	72	
11590	9	46.34	2	13	54	54.60	28	36	40.2[11]	Mer.	15	73	[11] Decl. changed one wire interval north.
11591	9	49.28	4	13	54	55.81	24	3	41.3	Mu.	249	94	
	9	49.25	4			55.87			44.0	Tr.	229	113	
	8	49.36	2			56.00			41.2	Tr.	240	9	
	9	49.26	5			56.04			41.7	Mer.	175	16	
11592	9	47.34	1	13	54	58.41[12]	26	44	24.2	Mer.	99	82	[12] R. A. increased 5 min.
11593	9	46.40	1	13	55	3.15	37	44	7.0	Mu.	17	12	
11594	8.9	46.39	3	13	55	3.63[13]	41	5	5.4	Mer.	20	8	[13] One of four threads rejected; R. A.=$4^{s}.69$.
11595	8	49.24	2	13	55	5.68[14]	37	2	53.6	Mu.	243	80	[14] R. A. increased one thread interval.
11596	10	49.22	1	13	55	7.75	33	25	41.8	Mu.	241	49	
11597	9	46.40	2	13	55	9.31[15]	36	33	31.2[16]	Mu.	16	19	[15] One of three threads rejected; R. A.=$8^{s}.51$.
11598	7	46.40	5	13	55	11.36	36	32	21.0	Mu.	16	20	[16] Decl. changed ten rev. north.
11599	9	46.39	2	13	55	11.77	41	2	23.0	Mer.	20	9	
11600	..	52.40	3	13	55	16.60[17]	20	3	....	Mer.	249	4	[17] Two of five threads rejected; R. A.=$17^{s}.29$, $15^{s}.98$.
11601	7	52.40	5	13	55	24.09	19	12	48.9	Tr.	279	22	
11602	9	49.22	3	13	55	27.76	33	47	50.2[18]	Mer.	170	57	[18] Decl. changed one wire interval south.
11603	5	51.35	4	13	55	31.62[19]	21	41	52.7	Mu.	277	41	[19] One of five threads rejected; R. A.=$31^{s}.16$.
	4	51.35	5			31.72			48.7	Mer.	240	42	
11604	9	49.26	2	13	55	41.41[20]	24	47	30.0	Mer.	175	17	[20] One thread decreased 10 sec.
	9	48.42	2			41.71			26.7	Mer.	126	23	
11605	8	48.40	2	13	55	43.62	25	30	24.2	Mer.	124	21	
11606	8	46.38	4	13	55	45.06	34	55	19.3	Mu.	14	11	
11607	8	46.34	2	13	55	46.02	29	10	31.8	Tr.	17	4	
	8	46.34	2			46.06			32.2	Mer.	15	74	
	7.8	47.32	1			46.07			35.6	Mer.	97	36	
	8.9	49.38	2			46.16			31.2	Tr.	241	65	
	9	47.34	2			46.51			36.6	Tr.	116	39	
11608	8	48.30	5	13	55	47.16	27	52	33.5	Mer.	227	90	
	7.8	47.41	4			47.31			35.7[21]	Mu.	116	30	[21] Decl. changed five rev. south.
	8	47.38	3			47.42			28.9	Mer.	188	10	
11609	9	49.22	3	13	55	48.85	33	3	7.0	Mu.	241	50	
11610	7.8	48.34	3	13	55	50.70	28	20	20.3	Mu.	164	43	
	8	47.28	3			50.98			....[22]	Mer.	92	112	[22] Decl. changed one wire interval north.
	8	47.38	2			50.99			19.4	Tr.	118	6	
	7.8	46.40	3			51.01			22.7	Mer.	23	22	
	11	46.32	1			51.12[23]			....	Tr.	16	33	[23] R. A. decreased one thread interval.
11611	9	49.28	2	13	55	54.71	25	41	6.8	Tr.	235	62	
11612	9	46.40	3	13	55	56.69	37	33	24.3	Mu.	17	13	
11613	8	46.40	1	13	56	2.21	36	2	27.5	Mu.	16	21	
11614	9.10	47.27	3	13	56	3.87	31	12	48.2[24]	Mu.	108	55	[24] Decl. changed ten rev. north.
11615	8	48.34	2	13	56	14.98	28	24	26.8	Mu.	164	44	
	8	46.40	3			15.03			27.7	Mer.	23	23	
	9	47.28	1			15.14[25]			....	Mer.	92	113	[25] Minute assumed.
	9	47.38	2			15.30			27.1	Tr.	118	7	

NO.	MAG	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
11616	9	49.24	1	13	56	27.19	36	56	32.1	Mu.	243	81	
11617	9	49.27	2	13	56	28.22	30	11	47.1	Tr.	232	95	
11618	7.8	47.41	2	13	56	30.40	27	47	43.5	Mu.	116	31	
	8	48.30	4			30.41			43.5	Mer.	227	91	
	8	46.42	4			30.69			41.8	Mer.	25	8	
	9	47.38	3			30.79[1]			44.2	Mer.	188	11	[1] R. A. increased 30 sec.
11619	9	49.22	2	13	56	35.85	35	49	20.0[2]	Tr.	226	17	[2] Decl. changed two rev. south.
11620	8	49.24	5	13	56	39.40	31	57	18.7	Mer.	172	89	
11621	5	51.35	5	13	56	43.85	21	53	58.2	Mu.	277	42	
11622	4	46.30	5	13	56	54.58[3]	40	27	27.3	Mer.	11	72	[3] Minute assumed.
11623	8	49.22	1	13	56	58.65	33	28	26.9	Mer.	170	58	
11624	6.7	49.24	2	13	56	58.94	37	0	27.5	Mu.	243	82	
11625	11	46.34	1	13	57	0.00	29	37	4.7	Tr.	17	5	
11626	9	49.22	3	13	57	0.81	32	58	27.1	Mu.	241	51	
11627	10	49.29	1	13	57	1.22	22	26	36.8	Tr.	237	98	
	10	48.34	2			1.46			34.6[4]	Mer.	122	60	[4] Decl. changed two wire intervals north.
11628	9	49.24	1	13	57	1.80	31	41	28.2	Mer.	172	90	
11629	9.10	49.22	2	13	57	2.36	35	52	20.4	Tr.	226	18	
11630	8	49.28	2	13	57	8.59	25	53	25.0	Tr.	235	63	
	9	48.30	2			8.70			28.9	Mu.	163	92	
	8	48.40	2			8.71[5]			27.4[6]	Mer.	124	22	[5] R. A. decreased 10 sec.
	8	47.34	1			8.76			25.1	Mu.	113	84	[6] Decl. changed ten rev. north.
11631	9	49.29	2	13	57	13.78	22	25	6.6	Tr.	237	99	
	10	48.34	2			13.86			8.6[7]	Mer.	122	61	[7] Decl. changed two wire intervals north.
11632	10	49.25	2	13	57	21.62	39	5	26.0	Mer.	173	122	
11633	9	49.24	2	13	57	24.07	39	15	54.2	Tr.	228	67	
11634	9	47.34	2	13	57	27.88[8]	26	50	10.9	Mer.	99	83	[8] R. A. increased 5 min. One of three threads rejected; R. A.=$27^{s}.13$.
11635	10	49.24	1	13	57	29.88	39	11	38.2	Tr.	228	68	
11636	7	49.22	3	13	57	39.31	34	10	42.8	Mer.	170	59	
	7.6	49.22	3			39.42			41.7	Mu.	239	49	
11637	9	51.35	5	13	57	40.39	22	0	18.1	Mu.	277	43	
11638	8	49.36	2	13	57	44.03	24	1	15.9	Tr.	240	10	
	8	49.28	5			44.31			13.3	Mu.	249	95	
	8	49.25	3			44.43			10.9	Tr.	229	114	
	6	49.26	2			44.47			14.1	Mer.	175	18	
11639	9	46.34	4	13	57	45.19	28	37	33.6	Mer.	15	75	
	8	46.40	3			45.27			34.3	Mer.	23	24	
11640	8	48.40	1	13	57	45.67[9]	25	51	33.1	Mer.	124	23	[9] Gou gives $47^{s}.7$. See No. 11641_1.
	9	48.30	3			47.53[10]			31.4	Mu.	163	93	[10] R. A. increased one thread interval.
	8	47.34	2			47.78			26.7	Mu.	113	86	
11641	3	48.40	1	13	57	47.88[11]	25	57	21.3	Mer.	124	24	[11] See No. 11640_1.
	2.3	47.34	1			50.37			19.6	Mer.	98	46	
	3.4	47.34	2			50.63[12]			23.6	Mu.	113	85	[12] One of three threads rejected; R. A. =$49^{s}.50$.
	4	48.30	3			50.69[13]			24.7	Mu.	163	94	[13] R. A. increased one thread interval.
	5	49.28	3			50.73			23.1	Tr.	235	64	
11642	9	49.26	3	13	57	55.99	24	25	55.2	Mer.	175	19	
11643	10	49.24	2	13	58	10.20	31	53	18.4	Mer.	172	91	
11644	9	52.40	5	13	58	13.31	19	21	16.8	Tr.	279	23	
11645	7	49.22	1	13	58	14.56	34	46	21.9	Mu.	239	50	
	7.8	46.38	6			15.27			25.3	Mu.	14	12	
11646	8	49.24	3	13	58	18.38	30	22	56.1	Tr.	227	74	
	9	49.27	3			18.40			47.7	Tr.	232	96	
	9	47.20	3			19.00[14]			53.3	Mer.	88	89	[14] See note on No. 11588_1.
11647	9	47.28	1	13	58	22.61	28	28	....	Mer.	92	114	
	9	47.38	2			23.36			3.5	Tr.	118	8	
11648	9	48.40	3	13	58	24.90[15]	25	14	22.5	Mu.	165	23	[15] Two threads decreased 10 sec. each.
	9	49.26	2			25.17			18.8	Tr.	231	22	
11649	8	49.27	2	13	58	25.20	30	40	53.6	Tr.	232	97	
	8	49.24	1			25.45			54.5	Tr.	227	75	
	8	47.40	2			25.61			54.3	Tr.	119	15	
	7	49.38	4			25.68			53.7	Mer.	182	14	
11650	10	49.24	1	13	58	27.63	39	31	38.6	Tr.	228	69	
11651	6.7	47.34	4	13	58	28.50	26	38	7.5	Mu.	112	67	
	..	47.34	3			28.68[16]			6.1[17]	Mer.	99	84	[16] R. A. increased 5 min.
11652	9	46.38	2	13	58	32...[18]	34	54	17.6	Mu.	14	13	[17] Decl. changed five rev. north.
11653	9	47.40	1	13	58	39.99	30	52	15.5	Tr.	119	16	[18] Separate threads give $32^{s}.74$, $33^{s}.74$.
	8	49.38	3			40.10			9.6	Mer.	182	15	
11654	8	46.42	2	13	58	50...[19]	31	9	26.5	Mu.	19	19	[19] Separate threads give $49^{s}.66$, $50^{s}.77$. GZ gives $50^{s}.3$.
	9.10	47.27	3			50.47			23.9	Mu.	108	56	
11655	7	49.22	2	13	58	50.78	34	1	53.9	Mer.	170	60	
11656	10	49.24	2	13	58	52.93	36	52	34.5	Mu.	243	83	
11657	6	49.22	1	13	58	55.91	34	13	53.9	Mu.	239	51	
11658	8	47.28	1	13	59	6.16	28	18	....	Mer.	92	115	
	10	48.34	1			6.42			30.5	Mu.	164	45	
	8	46.40	1			6.48			30.2	Mer.	23	25	
11659	9	49.26	2	13	59	15.06	24	37	24.4	Mer.	175	20	
11660	9	47.38	3	13	59	19.12	27	25	5.2	Mer.	188	12	
	8	46.42	2			19.23			6.6	Mer.	25	9	
	8.9	47.41	3			19.35			10.2	Mu.	116	32	
	8	48.30	3			19.37			8.6	Mer.	227	92	
11661	8	47.34	1	13	59	22.33	26	37	35.9	Mu.	112	68	
	8	47.34	1			22.57			42.8	Mu.	113	87	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
11662	10	49.38	1	13	59	22.39	29	1	42.9	Tr.	241	66	
11663	9	49.29	3	13	59	24.13	22	34	52.5	Tr.	237	100	
	10	48.34	2			24.46			46.7[1]	Mer.	122	62	[1] Decl. changed one rev. south.
11664	9	49.24	3	13	59	24.51	32	3	18.5	Mer.	172	92	
11665	8	49.22	1	13	59	27.43	34	15	20.0	Mu.	239	52	
11666	8	49.26	1	13	59	28.11	24	19	30.9	Mer.	175	21	
	9	49.28	2			28.36			34.6	Mu.	249	96	
	9	49.25	4			28.46			29.2	Tr.	229	115	
11667	6	46.43	4	13	59	35.06	32	20	9.6	Mu.	21	10	
	6	49.24	2			35.10[2]			9.3	Mer.	172	93	[2] R. A. decreased one thread interval.
11668	8	48.30	2	13	59	37.74	27	21	18.2	Mer.	227	93	
	10	47.38	2			38.27[3]			18.0	Mer.	188	13	[3] Minute assumed.
	9	46.42	1			38.31			12.2	Mer.	25	10	
11669	8	51.35	3	13	59	39.12	21	28	23.2	Mer.	240	43	
11670	9	46.40	2	13	59	45.14	37	29	33.1	Mu.	17	14	
11671	9	47.34	3	13	59	46.21	26	59	8.6	Mer.	99	85	
11672	10	49.22	1	13	59	49.18	32	53	55.3	Mu.	241	52	
11673	9	48.30	1	13	59	53.17	25	37	60.9	Mu.	163	96	
	7	48.40	1			53.42[4]			65.9	Mer.	124	25	[4] R. A. increased one thread interval.
	9	49.28	3			53.52[5]			56.3	Tr.	235	65	[5] R. A. increased 1 min. and one thread interval.
11674	9	48.30	2	14	0	0.69	25	56	10.9	Mu.	163	95	
11675	10	49.22	1	14	0	2.24	32	52	4.4	Mu.	241	53	
11676	8	46.34	3	14	0	20.17	29	23	4.1	Tr.	17	6	
	8	49.38	2			20.23			4.3	Tr.	241	67	
	8.9	47.32	4			20.51			3.5	Mer.	97	37	
11677	8.9	46.40	1	14	0	22.37	28	49	30.9[6]	Mer.	23	26	[6] Decl. changed two rev. south.
	8.9	46.34	5			22.79			30.1[7]	Mer.	15	76	[7] Decl. changed one rev. north.
11678	9	47.40	1	14	0	24.19	30	21	39.9[8]	Tr.	119	17	[8] Decl. changed one rev. north. Micrometer record uncertain.
	9	49.27	2			24.20			34.0	Tr.	232	98	
11679	9	46.40	3	14	0	25.21	37	43	3.7	Mu.	17	15	
11680	9	48.30	1	14	0	25.86	25	39	59.9	Mu.	163	97	
	9	49.28	2			25.90			56.5	Tr.	235	66	
11681	9	47.34	2	14	0	29.55	26	28	47.1	Mer.	98	47	
	7	47.34	1			30.14			48.8	Mu.	113	88	
11682	10	49.22	..	14	0	30. ..	33	13	7.4	Mu.	241	54	
11683	10	49.22	3	14	0	32.51	36	2	47.3	Tr.	226	19	
11684	7	49.22	1	14	0	33.20	34	10	0.3	Mu.	239	53	
11685	8.9	47.34	1	14	0	33.64	26	28	48.8	Mu.	113	89	
11686	9	46.26	4	14	0	44.08[9]	45	11	56.6	Mer.	1	19	[9] One of five threads rejected; R. A. = $42^{s}.99$.
11687	8	51.35	5	14	0	44.66	22	2	58.5	Mu.	277	45	
11688	..	47.20	1	14	0	49.01	30	9	16.6	Mer.	88	90	
11689	5	51.35	5	14	0	50.41	21	49	33.0	Mu.	277	44	
11690	9	49.36	1	14	0	55.44	23	52	50.0	Tr.	240	11	
11691	7	46.40	3	14	1	4.56	36	16	48.8	Mu.	16	22	
11692	8.9	46.40	2	14	1	12.78	28	43	36.3	Mer.	23	27	
	9	46.34	4			12.83			36.8	Mer.	15	77	
11693	9	46.34	2	14	1	13.58	29	43	43.1	Tr.	17	7	
11694	7	47.34	3	14	1	15. ..[10]	26	40	3.8	Mu.	112	69	[10] Separate threads give $14^{s}.73$, $15^{s}.27$, $15^{s}.78$.
	9	47.34	2			15.38[11]			3.1	Mer.	99	86	[11] R. A. increased 10 sec.
11695	8	52.39	5	14	1	16.93	20	28	58.0	Tr.	278	33	
11696	9	49.28	1	14	1	19.78	25	31	52.6	Tr.	235	67	
	7	48.40	1			19.99			55.8	Mer.	124	26	
11697	10	46.29	2	14	1	20.67	38	41	6.2[12]	Tr.	8	1	[12] Decl. changed two rev. north.
11698	7	46.38	3	14	1	31.58	29	54	25.6	Mu.	13	10	
11699	9	46.39	2	14	1	36.07[13]	39	0	14.6	Mu.	15	11	[13] One of three threads rejected; R.A. = $37^{s}.65$.
11700	7	52.39	5	14	1	42.51	20	31	26.6	Tr.	278	34	
11701	6.7	47.32	4	14	1	42.55	29	22	30.5	Mer.	97	38	
	7	46.34	2			42.57			20.8[14]	Tr.	17	8	[14] If micrometer reading be assumed as 1.53 instead of 1.33 rev., as recorded, Decl. = 30″.9. Gou gives 33″.
11702	8	48.40	3	14	1	42.93	24	41	....	Mu.	165	24	
	7	49.26	3			43.22			18.3	Tr.	231	23	
	7	49.26	4			43.30			17.2	Mer.	175	22	
	8	49.28	4			43.36			16.8	Mu.	249	97	
11703	7	46.43	4	14	1	45.65	32	31	26.8	Mu.	21	11	
11704	9.10	49.26	3	14	1	47.28	38	28	24.5	Mu.	246	36	
11705	9	47.28	1	14	1	50.17	28	25	....	Mer.	92	116	
11706	10	49.24	1	14	1	50.79[15]	31	39	3.6	Mer.	172	94	[15] R. A. decreased one thread interval.
11707	7	47.34	1	14	1	52.98	26	10	8.4	Mu.	113	90	
11708	10	47.40	1	14	1	58.55	30	27	31.2	Tr.	119	18	
11709	10	49.22	2	14	2	2.70	35	33	13.6	Tr.	226	20	
11710	..	47.28	1	14	2	5.18[16]	28	23	....	Mer.	92	117	[16] R. A. decreased 1 min.
11711	8	47.27	4	14	2	6.22	31	21	50.9	Mu.	108	57	
	4	46.42	3			6.62			51.6	Mu.	19	20	
11712	9	46.40	3	14	2	7.30	37	11	32.7	Mu.	17	16	
	8	49.24	3			7.84			34.1	Mu.	243	84	
11713	10	48.34	2	14	2	13.89	22	13	53.2	Mer.	122	63	
	9	49.29	3			14.19			58.0	Tr.	237	101	
11714	8	47.41	6	14	2	21.54	27	38	26.8	Mu.	116	33	
	7	46.42	4			21.69			24.6	Mer.	25	11	
	7.8	47.38	5			21.75[17]			24.9	Mer.	188	14	[17] The last two threads increased 1 sec. each.
11715	8	48.40	2	14	2	24.60	24	36	33.9	Mu.	165	25	
	8	49.26	3			24.87			33.6	Mer.	175	23	
	8	49.28	3			24.95			32.9	Mu.	249	98	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
11716	9	47.27	2	14	2	37.18[1]	31	20	14.7	Mu.	108	58	[1] R. A. increased one thread interval.
	8	46.42	2			37.79			15.9	Mu.	19	21	
11717	7.8	46.38	3	14	2	38.76	29	4	25.8	Mer.	17	1	
	7	46.34	5			38.84			27.3	Mer.	15	78	
	8	46.34	1			38.89			26.9	Tr.	17	9	
	7	47.32	2			39.00			26.3	Mer.	97	39	
	9	47.34	1			39.07			23.0	Tr.	116	40	
11718	5	46.42	2	14	2	42.66	31	27	31.5	Mu.	19	22	
	8.9	47.27	2			42.77			30.5	Mu.	108	59	
11719	9	48.30	3	14	2	48.47	25	38	2.9	Mu.	163	98	
	7	48.40	2			48.60			1.1[2]	Mer.	124	27	[2] Decl. changed one wire interval south.
	8	49.28	2			48.61			1.6	Tr.	235	68	
11720	9	49.29	1	14	2	49.60	22	6	51.1[3]	Tr.	237	102	[3] Decl. changed ten rev. north.
11721	..	47.28	1	14	2	57.67	28	4	....	Mer.	92	118	
	8	46.40	2			57.92			55.5	Mer.	23	28	
	8	47.38	3			57.92			52.3	Tr.	118	9	
	8.9	48.34	3			58.07			56.1	Mu.	164	46	
11722	..	51.35	5	14	3	1.60	21	22	....	Mer.	240	44	
11723	8	49.26	1	14	3	6.34	24	28	17.4	Mer.	175	24	
	9	49.28	2			6.40			15.3	Mu.	249	99	
11724	10	46.26	2	14	3	15.11[4]	39	11	66.7	Mu.	1	1	[4] R. A. decreased one thread interval.
	10	49.24	2			15.35			54.8	Tr.	228	70	
11725	7	48.40	1	14	3	19.61	25	31	22.3	Mer.	124	28	
	9	49.28	2			19.81			20.4	Tr.	235	69	
11726	8	46.40	2	14	3	24.64	28	10	57.1	Mer.	23	29	
	..	47.28	1			24.68[5]			....	Mer.	92	119	[5] Minute assumed.
	9	48.34	2			25.02[6]			54.6	Mu.	164	47	[6] One of three threads rejected; R. A.=$23^{s}.92$.
	9	47.38	1			25.36			55.4	Tr.	118	10	
11727	9	49.24	1	14	3	36.49	39	4	55.3	Tr.	228	71	
11728	9	49.22	1	14	3	38.05	34	42	4.3	Mu.	239	54	
	11	46.38	2			38.61			0.9	Tr.	19	1	
11729	8	46.29	7	14	3	39.72	40	56	....	Mer.	6	21	
11730	8	46.30	4	14	3	43.59	40	7	31.4	Mer.	11	73	
11731	9	49.22	1	14	3	52.91	34	39	41.6	Mu.	239	55	
11732	6	49.36	3	14	3	56.03	23	39	14.2	Tr.	240	12	
11733	10	47.34	1	14	4	2.62	26	43	21.0	Mer.	99	87	
11734	9	49.24	3	14	4	2.97	32	15	51.0[7]	Mer.	172	95	[7] Decl. changed ten rev. south.
11735	9	46.26	5	14	4	8.10	45	16	49.5	Mer.	1	20	
11736	8	49.22	1	14	4	8.88	33	54	35.9	Mer.	170	61	
11737	5.6	47.34	3	14	4	10.78[8]	26	33	7.9	Mer.	98	48	[8] Two of five threads rejected; R. A.=$11^{s}.77$, $11^{s}.66$.
	6	47.34	3			10.93			6.9	Mer.	99	88	
	5	47.34	3			11.05			9.2	Mu.	112	70	
	5.6	47.34	3			11.29			5.3	Mu.	113	91	
11738	9	49.24	2	14	4	12.93[9]	39	16	15.7	Tr.	228	72	[9] GZ gives $13^{s}.2$.
	9	46.26	2			14.07			20.0	Mu.	1	2	
11739	8.9	46.38	2	14	4	15.11	29	17	50.3	Mer.	17	2	
	9.10	46.34	1			15.48			47.8	Tr.	17	10	
	10	47.32	2			16.01			46.4	Mer.	97	40	
11740	9	46.30	2	14	4	16.67	40	28	20.1	Mer.	11	74	
11741	7	47.40	1	14	4	16.71	30	31	46.1	Tr.	119	19	
	7	49.38	7			16.86			47.5	Mer.	182	16	
11742	9.10	49.22	2	14	4	23.05	32	51	42.7	Mu.	241	55	
	8	46.43	2			23.16			44.1[10]	Mu.	21	12	[10] Micrometer reading assumed as 14.083 instead of 14.83 rev., as recorded.
11743	10	49.24	1	14	4	24.27	37	1	44.0	Mu.	243	85	
11744	8	49.28	2	14	4	25.20	24	47	47.3	Mu.	249	100	
	6	49.26	2			25.35			47.3	Mer.	175	25	
	8	48.40	5			25.51			46.7	Mu.	165	26	
11745	9.10	49.22	2	14	4	25.88[11]	32	48	7.0	Mu.	241	56	[11] One thread increased 10 sec.
	7	46.43	2			26.97[12]			3.5	Mu.	21	13	[12] One of three threads rejected; R. A.=$25^{s}.67$.
11746	10	49.24	1	14	4	29.74	31	41	37.8	Mer.	172	96	
11747	9.10	49.22	2	14	4	33.36	32	48	38.2	Mu.	241	57	
	6	46.43	3			33.44			42.7	Mu.	21	14	
11748	8	48.34	2	14	4	39. . .[13]	25	54	17.1	Tr.	163	1	[13] Separate threads give $39^{s}.64$, $38^{s}.71$.
	7	48.30	3			39.25			17.1	Mu.	163	99	
	6	48.40	3			39.48			16.9	Mer.	124	29	
	7	49.28	3			39.53			19.7	Tr.	235	70	
	6.7	47.34	2			39.78			15.6	Mu.	113	92	
11749	9	49.22	3	14	4	47.37	35	54	47.8	Tr.	226	21	
	9	46.40	1			47.50			45.0	Mu.	16	23	
11750	10	49.26	2	14	5	7.50	38	31	25.3	Mu.	246	37	
11751	6	46.42	4	14	5	7.62	31	20	19.1	Mu.	19	23	
	8.9	47.27	3			7.62			20.4	Mu.	108	60	
11752	7.8	46.39	6	14	5	28.12	41	7	55.8	Mer.	20	10	
	7.8	46.29	5			28.54			....	Mer.	6	22	
11753	9	49.22	1	14	5	36.76	34	23	43.8	Mu.	239	56	
	10	46.38	2			37.22			39.9	Tr.	19	2	
11754	8	46.34	2	14	5	37.58	29	29	9.2	Tr.	17	11	
	9	47.32	3			37.76			10.6	Mer.	97	41	
11755	9	46.40	1	14	5	40.68	37	40	35.2	Mu.	17	17	
11756	7	52.40	5	14	5	41.95	19	30	8.6	Tr.	279	24	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
11757	10	49.22	2	14	5	47.66	35	34	9.6	Tr.	226	22	
11758	7.8	46.30	3	14	5	48.23[1]	40	11	49.5[2]	Mer.	11	75	[1] Two threads increased 20 sec. each.
11759	9	48.42	2	14	5	50. . .[3]	28	32	3.0	Mu.	168	1	[2] Decl. changed one wire interval north.
	9.10	48.34	2			50. . .[4]			5.7	Mu.	164	48	[3] Separate threads give 49^s.49, 50^s.38.
	9	47.28	2			50. . .[5]			. . . .	Mer.	92	120	[4] Separate threads give 51^s.33, 50^s.51.
11760	8.9	46.40	3	14	5	50.75	28	31	46.5	Mer.	23	30	[5] Separate threads give 51^s.52, 50^s.64.
11761	8	49.29	4	14	5	53.51	22	25	37.5	Tr.	237	103	
	10	48.34	3			53.54			37.6[6]	Mer.	122	64	[6] Decl. changed two wire intervals and one rev. north.
11762	9.10	49.26	3	14	5	54.95	38	29	7.4	Mu.	246	38	
	11	46.29	2			55.21			8.8	Tr.	8	2	
11763	9	49.22	2	14	5	55.00[7]	34	2	23.7	Mer.	170	62	[7] Separate threads give 54^s.63, 55^s.37.
11764	8	49.38	3	14	5	57.68	31	4	53.1	Mer.	182	17	
	7	46.42	1			57.84			52.6	Mu.	19	24	
	9	47.27	2			58.11			51.7	Mu.	108	61	
11765	8	47.20	5	14	5	58.32	30	20	43.3	Mer.	88	91	
	7	49.38	1			58.46			42.5	Mer.	182	18	
	8	47.40	1			58.48			47.2	Tr.	119	20	
	7	46.38	2			58.78			45.2	Mu.	13	11	
11766	8	48.40	4	14	6	5.14	25	41	62.1	Mer.	124	30	
	9	48.34	2			5.19			52.4	Tr.	163	2	
	9	49.28	2			5.47			60.4	Tr.	235	71	
11767	9	47.40	1	14	6	5.26	30	27	23.6	Tr.	119	21	
	8	49.38	1			5.39			21.0	Mer.	182	19	
11768	8	49.24	2	14	6	5.79	39	23	44.0	Tr.	228	73	
11769	7.8	46.42	3	14	6	6.04	27	3	26.3	Mer.	25	12	
	8	47.34	4			6.09			23.8	Mer	99	89	
	7	47.34	3			6.18			24.4	Mu.	112	71	
11770	9	47.27	2	14	6	6. . .[8]	31	35	60.5	Mu.	108	62	[8] Separate threads give 6^s.19, 7^s.01.
	8	49.24	3			6.86			57.8	Mer.	172	97	
11771	6.7	46.29	7	14	6	9.01	44	17	29.9	Mer.	5	23	
11772	6.7	46.38	4	14	6	20.63[9]	28	34	41.0	Mer.	17	3	[9] One of five threads rejected; R. A.=21^s.55.
	5	48.34	4			20.88			37.8	Mu.	164	49	
	7	46.40	1			20.90			37.5	Mer.	23	31	
	5	47.34	3			20.92			37.5	Tr.	116	41	
	6.7	47.38	1			20.97			42.3	Tr.	118	11	
	8	48.42	2			21.03			41.1	Mu.	168	2	
11773	10.9	49.24	1	14	6	28.75	36	50	25.3	Mu.	243	86	
11774	7	52.40	4	14	6	30.28[10]	20	21	43.6	Mer.	249	5	[10] One of five threads rejected; R. A.=30^s.75.
	5	52.39	5			30.30			42.0	Tr.	278	35	
	. .	52.40	5			30.34			. . . .	Mer.	249	6	
11775	8	47.34	1	14	6	31.49	26	31	38.8	Mer.	98	49	
	8	47.34	1			32.01			38.1	Mu.	113	93	
11776	8	49.24	1	14	6	45.24	36	53	51.1	Mu.	243	87	
11777	10	47.38	1	14	6	57.79	27	27	0.4	Mer.	188	15	
11778	8	47.28	1	14	7	4.30	27	50	. . . .	Mer.	92	121	
	9	47.41	3			4.79			24.9	Mu.	116	34	
11779	9	46.38	1	14	7	4.46[11]	28	59	51.6	Mer.	17	4	[11] R. A. increased 1 min.
11780	10	46.29	3	14	7	9.10[12]	40	32	. . . .	Mer.	6	23	[12] Two threads decreased one thread interval each.
11781	8	49.22	2	14	7	11.54	33	42	58.1	Mer.	170	63	
11782	9	46.34	1	14	7	13.25	29	6	17.0	Tr.	17	12	
	8	47.32	3			13.71			13.1	Mer.	97	42	
11783	8	47.34	2	14	7	15.57	26	38	. . . .	Mer.	98	50	
	8	47.34	1			15.59			46.8	Mu.	113	94	
11784	9	52.40	5	14	7	17.84	19	15	8.2	Tr.	279	25	
11785	4	46.43	5	14	7	26.64	32	32	25.8	Mu.	21	15	
11786	7.8	47.27	1	14	7	30.62	31	21	21.9	Mu.	108	63	
	5	46.42	4			30.80			22.4	Mu.	19	25	
11787	10	49.22	2	14	7	34.00	35	55	39.1	Tr.	226	23	
11788	8	47.34	1	14	7	42.30	27	9	3.6	Mu.	112	72	
	8	47.34	4			42.87			2.9[13]	Mer.	99	90	[13] Decl. changed one rev. north.
	8	47.41	1			42.98			3.4	Mu.	116	35	
	8.9	46.42	1			43.12[14]			5.0	Mer.	25	13	[14] R. A. increased 1 min.
11789	9.10	49.28	3	14	7	42.32	24	39	53.5	Mu.	249	101	
	8	49.26	7			42.52			53.7	Mer.	175	26	
11790	8.7	49.22	3	14	7	46.25	34	18	28.4	Mu.	239	57	
	8	46.38	2			46.37			25.4	Tr.	19	3	
11791	10	49.26	1	14	7	46.62	38	31	28.9	Mu.	246	39	
11792	. .	52.40	5	14	7	48.85	19	28	. . . .	Tr.	279	26	
11793	9	46.34	2	14	7	49.45	29	34	15.7	Tr.	17	13	
11794	9	49.24	1	14	7	50.44	31	31	13.6	Mer.	172	98	
11795	9	47.20	3	14	7	58.62[15]	30	15	32.7	Mer.	88	92	[15] R. A. increased 5 sec. One of four threads rejected; R. A.=59^s.62.
	8	46.38	2			58.79			30.8	Mu.	13	12	
11796	9.10	49.26	1	14	7	59.75	38	31	41.4	Mu.	246	40	
11797	9.10	49.26	1	14	7	59.83	38	35	10.3	Mu.	246	41	
	11	46.29	2			60.02			12.0	Tr.	8	3	
11798	9	49.24	1	14	8	1.64	36	56	19.6	Mu.	243	88	
11799	9	49.28	2	14	8	3.89	26	1	6.9	Tr.	235	72	
	9	48.40	2			4.14[16]			8.0	Mer.	124	31	[16] One of three threads rejected; R. A.=3^s.38.
11800	9	47.32	1	14	8	5.73[17]	29	16	20.2	Mer.	97	43	[17] R. A. decreased 1 min.
11801	8	49.22	2	14	8	8.39	33	50	12.9	Mer.	170	64	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
11802	8	49.24	2	14	8	11.02	37	14	58.4	Mu.	243	89	
	9	46.40	2			11.24[1]			56.7	Mu.	17	18	[1] One of three threads rejected; R. A.=10^{s}.39.
11803	8	46.30	5	14	8	24.67	40	9	41.2	Mer.	11	76	
11804	8.9	46.38	3	14	8	32.89	41	53	31.8	Mer.	19	9	
11805	9	49.22	1	14	8	34.72	34	2	52.7	Mer.	170	65	
11806	8.9	46.42	2	14	8	37.45	27	9	31.2	Mer.	25	14	
	9	47.41	1			37.99			18.5	Mu.	116	36	
11807	8	49.26	3	14	8	38.51	24	21	20.8	Mer.	175	27	
	9	49.28	3			38.53			22.4	Mu.	249	102	
11808	9	52.39	5	14	8	42.21	20	37	55.5	Tr.	278	36	
11809	11	47.40	1	14	8	43.51	30	38	28.5	Tr.	119	22	
11810	9	47.41	1	14	8	55.44	27	7	50.6	Mu.	116	37	
11811	7	47.34	3	14	8	58.60	26	15	36.2	Mu.	113	95	
11812	8	49.26	..	14	9	1...	38	11	11.0	Mu.	246	42	
	10	46.29	1			1.75			16.3	Tr.	8	4	
11813	9	49.26	2	14	9	3.23	24	36	12.2	Mer.	175	28	
11814	9	47.20	1	14	9	3.90	30	20	5.3	Mer.	88	93	
	9	47.40	1			4.11			7.2	Tr.	119	23	
11815	9	52.39	5	14	9	4.62	20	38	....	Tr.	278	37	
11816	7	52.40	5	14	9	8.30	19	15	54.6	Tr.	279	27	
11817	8	49.24	3	14	9	8.53	32	17	18.9	Mer.	172	99	
11818	10	47.38	1	14	9	10.80	28	24	7.8	Tr.	118	12	
	8	46.40	2			10.93			4.9	Mer.	23	32	
	9	48.34	2			10.97			4.6	Mu.	164	50	
11819	9	49.36	2	14	9	10.91	23	51	24.1	Tr.	240	13	
11820	10.11	49.22	2	14	9	12.21	35	46	50.1	Tr.	226	24	
11821	8	52.40	5	14	9	16.37	20	3	28.1	Mer.	249	7	
11822	4	46.43	4	14	9	32.31	32	31	17.0	Mu.	21	16	
11823	8	47.34	1	14	9	34.63	26	49	27.4	Mu.	112	73	
	8	47.34	3			35.21			22.3	Mer.	99	91	
11824	9	49.26	1	14	9	37.82	24	41	25.1	Mer.	175	29	
11825	7.8	49.24	2	14	9	46.50	36	38	0.2	Mu.	243	90	
11826	9	49.28	3	14	9	47.71	25	30	43.2	Tr.	235	73	
	9	48.40	3			47.75			47.2[2]	Mer.	124	32	[2] Decl. changed one wire interval north.
11827	10	49.24	1	14	9	47.78	39	18	57.6	Tr.	228	74	
11828	7	52.40	5	14	9	47.78	19	28	26.6	Tr.	279	28	
11829	5.6	46.26	2	14	9	49...[3]	45	21	46.1	Mer.	1	21	[3] Separate threads give 49^{s}.31, 47^{s}.79. Gou gives 49^{s}.7.
11830	7.8	49.24	2	14	9	53.77	31	43	44.2[4]	Mer.	172	100	
11831	10	49.22	1	14	9	55.03	35	51	49.4	Tr.	226	25	[4] Decl. changed one rev. south.
11832	8.9	46.40	1	14	9	57.06	28	38	23.0	Mer.	23	33	
	8.9	46.38	7			57.16			18.8	Mer.	17	5	
	9	48.42	2			57.42[5]			19.8	Mu.	168	3	[5] One of three threads rejected; R. A.=55^{s}.41.
11833	9	47.40	1	14	10	5.21	31	0	37.2	Tr.	119	24	
11834	10	49.22	3	14	10	6.57	32	58	17.9	Mu.	241	58	
11835	8	49.22	1	14	10	7.13	33	42	45.2	Mer.	170	66	
11836	8	46.30	4	14	10	16.34	40	15	33.2	Mer.	11	77	
11837	7	46.40	4	14	10	20.49	36	18	21.0	Mu.	16	24	
11838	9	48.40	1	14	10	21.75	25	45	49.0	Mer.	124	33	
	9	49.28	2			21.78			48.6	Tr.	235	74	
11839	9.10	48.34	..	14	10	29...	28	20	50.3	Mu.	164	51	
11840	8.9	47.34	1	14	10	29.05	26	8	28.2	Mu.	113	97	
11841	6.7	47.34	3	14	10	30.39	26	26	45.7	Mu.	113	96	
	7	47.34	5			30.46			42.2	Mer.	98	51	
11842	7	48.40	5	14	10	30.88[6]	25	8	6.6	Mu.	165	27	[6] One of six threads rejected; R. A.=39^{s}.79.
11843	8.9	46.40	2	14	10	35.11	28	21	39.6.	Mer.	23	34	
	9	47.38	2			35.11			38.4	Tr.	118	13	
	9	48.34	1			35.45			39.1	Mu.	164	52	
11844	10	49.22	1	14	10	36.87	34	31	42.2	Mu.	239	58	
11845	8	49.29	3	14	10	38.66	22	15	31.2	Tr.	237	104	
	9.10	48.34	4			38.89			27.8	Mer.	122	65	
11846	10	49.22	1	14	10	39.24	34	23	35.2	Mu.	239	59	
11847	9	46.40	1	14	10	41.36	36	9	47.6	Mu.	16	25	
11848	8	49.24	1	14	10	48.00	32	14	46.3	Mer.	172	101	
11849	9	49.26	2	14	10	55.16	24	26	52.2	Mer.	175	30	
11850	10	49.36	1	14	10	58.31	23	34	1.6	Tr.	240	14	
11851	10	49.22	1	14	11	7.78	33	15	0.0	Mu.	241	59	
11852	10	49.22	2	14	11	8.13	35	33	38.7	Tr.	226	26	
11853	7	46.28	3	14	11	9.62	44	29	27.6	Mer.	4	1	
	7	46.26	3			9.65			27.0	Mer.	1	22	
	4.5	46.29	6			9.76			28.6	Mer.	5	24	
11854	9	46.38	3	14	11	17...[7]	34	41	49.2	Mu.	14	14	[7] Separate threads give 16^{s}.67, 17^{s}.40, 18^{s}.55. CPD gives 18^{s}.5.
	8	49.22	1			17.33			51.9	Mu.	239	60	
	9	46.38	2			18.36			49.9	Tr.	19	4	
11855	8	52.40	5	14	11	26.10	20	10	50.2	Mer.	249	8	
11856	5	46.40	5	14	11	27.22	37	11	31.0	Mu.	17	19	
	6	46.29	7			27.42			29.6	Mu.	7	1	
	3	49.24	2			27.58[8]			32.2	Mu.	243	91	[8] R. A. increased one thread interval.
11857	8.9	46.38	4	14	11	28.07	41	43	53.8	Mer.	19	10	
	9	46.39	3			28.41			56.3	Mer.	20	11	
11858	8	47.38	3	14	11	28.72	27	21	15.9	Mer.	188	16	
	7	46.42	5			28.90			19.8[9]	Mer.	25	15	[9] Decl. changed four rev. south.
	6	47.34	2			28.95			20.8	Mu.	112	74	
	7	47.41	6			29.00			19.2	Mu.	116	38	

NO.	MAG.	DATE.	NO. THDS	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
11859	8	46.34	2	14	11	39.04	29	20	30.4	Tr.	17	14	
	10	47.32	2			39.65[1]			28.4	Mer.	97	44	[1] One of three threads rejected; R. A. = $38^{s}.92$.
11860	6	49.22	4	14	11	40.37	33	59	6.4	Mer.	170	67	
11861	9	46.38	2	14	11	42. . .[2]	34	57	17.6	Mu.	14	15	[2] Separate threads give $43^{s}.03$, $39^{s}.78$. Gou gives $42^{s}.7$.
11862	10	49.22	1	14	11	44.51	32	59	38.3	Mu.	241	60	
11863	10	46.38	1	14	12	0.81[3]	34	52	32.0	Tr.	19	5	[3] R. A. decreased one thread interval.
11864	. .	47.20	1	14	12	1.09[4]	29	50	. . . .	Mer.	88	94	[4] R. A. decreased 1 min.
11865	8	49.36	2	14	12	4.90	23	48	52.9	Tr.	240	15	
11866	8	46.42	2	14	12	6.78[5]	31	8	5.4	Mu.	19	26	[5] One of three threads rejected; R. A. = $5^{s}.88$. GZ gives $6^{s}.2$.
11867	8	49.26	3	14	12	11.40[6]	24	24	36.9	Mer.	175	31	
	9	49.28	3			11.74			37.7	Mu.	249	103	[6] R. A. increased 1 min.
11868	10	49.22	1	14	12	22.11	33	33	47.4	Mu.	241	61	
	8	49.22	1			22.54			50.0	Mer.	170	68	
11869	9	49.36	1	14	12	23.40	23	55	55.0	Tr.	240	16	
11870	9	46.28	4	14	12	32.44	43	58	5.0	Mer.	4	2	
11871	8.9	49.26	3	14	12	38.17	37	59	23.6	Mu.	246	43	
	9	46.29	3			38.23			23.3	Tr.	8	5	
11872	9	47.40	1	14	12	43.42	31	1	55.4	Tr.	119	25	
11873	8	47.38	2	14	12	58.41	28	3	39.9	Tr.	118	14	
	9	48.34	3			58.47			39.6	Mu.	164	53	
	7.8	46.40	3			58.55			39.2	Mer.	23	35	
11874	7	47.34	2	14	13	3.11	26	37	52.5	Mu.	112	75	
	8	47.34	4			3.13			59.8[7]	Mer.	99	92	[7] If micrometer reading be assumed as 37.425 instead of 37.125 rev., as recorded, Decl. = 49″.5.
	9	47.34	5			3.25			47.6	Mer.	98	52	
	7	47.34	2			3.32[8]			50.6	Mu.	113	98	
11875	8	49.29	2	14	13	4.08	22	8	32.8	Tr.	237	105	[8] One of three threads rejected; R. A. = $2^{s}.31$.
11876	10	48.34	1	14	13	12.46	22	19	35.6	Mer.	122	66	
11877	10	49.26	1	14	13	14.78	37	57	34.2	Mu.	246	44	
11878	8	47.38	1	14	13	21.39	27	37	11.5	Mer.	188	17	
	6.7	47.41	4			21.54			8.9	Mu.	116	39	
	7	46.42	4			21.64			7.1	Mer.	25	16	
11879	5	49.22	4	14	13	21.44	34	5	53.7	Mer.	170	69	
11880	9	46.30	3	14	13	23.31	40	42	39.6	Mer.	11	78	
11881	8	46.42	1	14	13	26.05	30	58	57.4	Mu.	19	28	
11882	. .	52.40	3	14	13	26.63[9]	20	0	. . . .	Mer.	249	9	[9] Two of five threads rejected; R. A. = $27^{s}.08$, $29^{s}.19$.
11883	7	46.39	3	14	13	38.33	38	56	8.0	Mu.	15	12	
11884	8	47.40	1	14	13	41.71	31	1	26.3	Tr.	119	26	
	8	49.38	4			41.77			25.3	Mer.	182	20	
	7	46.42	3			41.82			26.2	Mu.	19	27	
11885	9	46.43	2	14	13	43.91[10]	32	31	49.8	Mu.	21	17	[10] One of three threads rejected; R. A. = $45^{s}.22$.
11886	8	49.24	3	14	13	48.35	31	39	44.1	Mer.	172	102	
11887	4	46.39	3	14	13	49.04	38	49	28.3[11]	Mu.	15	13	[11] Decl. changed one rev. south.
11888	9	46.39	6	14	13	53.39	41	33	55.4	Mer.	20	12	
	8.9	46.38	3			53.71			53.6	Mer.	19	11	
11889	9	49.26	2	14	13	56.11	24	36	38.7	Mer.	175	32	
11890	10	47.32	4	14	13	59.22[12]	29	24	42.4	Mer.	97	45	[12] Two of six threads rejected; R. A. = $59^{s}.84$, $58^{s}.54$.
	9	46.34	2			59.37			43.9	Tr.	17	15	
11891	9	49.22	2	14	14	0.60	35	17	26.1	Tr.	226	27	
11892	8	47.34	2	14	14	3.88	26	5	57.0	Mer.	98	53	
	7.8	47.34	3			3.94[13]			57.4	Mu.	113	99	[13] R. A. decreased one thread interval.
	. .	48.40	1			4.74			57.5	Mer.	124	34	
11893	8.9	46.38	3	14	14	9.17	34	59	49.6	Mu.	14	16	
11894	8	52.40	5	14	14	11.87	20	4	16.8	Mer.	249	10	
11895	9.10	46.26	2	14	14	12.59	44	58	37.3	Mer.	1	23	
11896	10	47.40	1	14	14	15.83	31	1	10.6	Tr.	119	27	
11897	10	49.26	1	14	14	21.38	24	29	16.9	Mer.	175	33	
11898	10	49.22	2	14	14	22.28	34	27	54.4	Mu.	239	61	
11899	6	47.34	3	14	14	27.57	27	3	40.8	Mer.	99	93	
	4.5	47.34	3			27.95			44.2	Mu.	112	76	
	5	46.42	3			28.13			40.1	Mer.	25	17	
11900	8.9	46.40	3	14	14	27.84	28	21	11.4	Mer.	23	36	
	9	47.38	1			28.10			9.1	Tr.	118	15	
	9.10	48.34	1			28.39			12.0	Mu.	164	54	
11901	9	49.24	2	14	14	30.08	32	7	43.8	Mer.	172	103	
11902	9	48.40	2	14	14	33.96	25	6	43.6	Mu.	165	28	
11903	8	49.24	2	14	14	34.30	36	44	42.3	Mu.	243	92	
11904	9	49.24	2	14	14	38.66	36	46	27.5	Mu.	243	93	
11905	7	52.40	5	14	14	38.97	19	30	58.4	Tr.	279	29	
11906	9	49.24	1	14	14	44.49[14]	32	0	5.3	Mer.	172	104	[14] R. A. increased 5 sec., to agree with GZ 1039. If instead Decl. be changed five rev. south, we have R. A. = $39^{s}.49$, Decl. = 2′ 58″.3, agreeing with GZ 1034.
11907	. .	47.34	2	14	14	44.48	27	7	. . . .	Mer.	99	94	
	7.8	47.34	1			45.36			31.2	Mu.	112	77	
11908	10	46.34	1	14	14	45.70	29	7	46.4	Tr.	17	16	
11909	9	46.30	1	14	14	46.31	40	33	6.6	Mer.	11	79	
	10	46.29	3			46.98			. . . .	Mer.	6	24	
11910	9	49.26	2	14	14	47.46	25	8	28.7	Tr.	231	24	
	9	48.40	2			47.49			32.1	Mu.	165	29	
	8	49.36	2			47.79			32.0	Mu.	254	1	
11911	10.11	49.22	1	14	14	49.33	33	10	10.3	Mu.	241	62	
11912	9	49.28	3	14	15	5.67	25	40	52.4	Tr.	235	75	
	7	48.40	3			5.78			55.7	Mer.	124	35	
	9	48.34	2			5.81[15]			52.0	Tr.	163	3	[15] One of three threads rejected; R. A. = $5^{s}.07$.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
11913	9	47.38	2	14	15	9.25	27	27	53.0	Mer.	188	18	
	8	47.41	5			9.81			54.6	Mu.	116	40	
11914	8.9	46.38	6	14	15	9.84	28	59	27.2	Mer.	17	6	
	8	48.42	5			9.92			26.3	Mu.	168	4	
	5.6	47.34	3			10.08			28.8	Tr.	116	42	
11915	10	46.29	2	14	15	9.96	38	5	53.9 [1]	Tr.	8	6	[1] Decl. changed one wire interval south.
	10	49.26	1			9.98			47.6	Mu.	246	45	
11916	9	46.28	3	14	15	12.51	44	31	8.9 [2]	Mer.	4	3	[2] Decl. changed one wire interval and one rev. south.
11917	10	49.22	1	14	15	18.01	33	14	35.7	Mu.	241	63	
11918	..	47.34	1	14	15	18.04	27	3	37.3	Mer.	99	95	
	8	47.34	1			18.09			36.1	Mu.	112	78	
11919	6	46.46	4	14	15	20.09	32	24	7.5	Mu.	23	1	
	7	46.43	4			20.19			7.8	Mu.	21	18	
11920	6	46.30	1	14	15	25.31	40	4	10.7	Mer.	11	80	
11921	7	52.40	5	14	15	36.29	19	28	31.2	Tr.	279	30	
11922	7.8	47.34	2	14	15	44.41 [3]	26	4	25.6	Mu.	113	100	[3] One of three threads rejected; R. A.=$45^{s}.58$.
	8	47.34	3			44.57			38.1 [4]	Mer.	98	54	[4] If micrometer reading be assumed as 45.421 instead of 45.121 rev., as recorded, Decl.= 27″.8.
11923	10	49.26	1	14	15	45.38	38	6	14.2	Mu.	246	46	
11924	8	49.36	1	14	15	46.57 [5]	25	27	59.6	Mu.	254	2	
	9	49.28	2			47.21			57.6	Tr.	235	76	[5] R. A. increased 10 sec.
11925	10	46.34	1	14	15	47.10	29	23	42.2	Tr.	17	17	
11926	9	48.42	3	14	15	51.53	28	56	5.1	Mu.	168	5	
	9	46.38	6			51.57			5.6	Mer.	17	7	
11927	6	49.24	1	14	15	53.22	36	45	47.9	Mu.	243	94	
11928	10	49.26	1	14	15	53.62	38	2	22.4	Mu.	246	47	
11929	10	47.40	1	14	15	55.57	30	32	46.9	Tr.	119	28	
11930	10	49.24	1	14	16	11.69	39	21	10.8	Tr.	228	75	
11931	6	47.29	2	14	16	13.55	30	6	56.9	Tr.	110	1	
	8	46.38	3			13.60			58.5	Mu.	13	13	
	8	47.20	2			13.67 [6]			56.7	Mer.	88	95	[6] Two of four threads rejected; R. A.=$12^{s}.44$, $14^{s}.56$.
11932	6	49.28	4	14	16	15.50	24	7	18.3	Mu.	249	104	
	5	49.36	2			15.61			22.4	Tr.	240	17	
	5	49.26	5			15.70			21.3	Mer.	175	34	
11933	8	49.24	1	14	16	19.48	36	54	46.4	Mu.	243	95	
11934	10	49.22	3	14	16	19.48	34	39	29.5	Mu.	239	62	
	11	46.38	2			20.03			32.7	Tr.	19	6	
11935	7	47.41	4	14	16	31.27	27	26	52.2	Mu.	116	41	
	8	47.38	2			31.32 [7]			50.5	Mer.	188	19	[7] One of three threads rejected; R. A.=$30^{s}.38$.
	7	46.42	3			31.35			48.9	Mer.	25	18	
11936	7.8	46.26	3	14	16	32.02	44	32	21.5	Mer.	1	25	
	3.4	46.29	3			32.23			18.4	Mer.	5	25	
	7	46.28	5			32.29			22.0	Mer.	4	4	
11937	3.4	46.29	2	14	16	33... [8]	44	41	54.2	Mer.	5	26	[8] Separate threads give $34^{s}.28$, $33^{s}.41$.
	7	46.26	3			33.85 [9]			48.9	Mer.	1	24	[9] R. A. decreased 1 min.
11938	9	52.40	5	14	16	34.66	20	11	28.8	Mer.	249	11	
11939	7	49.24	3	14	16	35... [10]	32	17	24.6	Mer.	172	105	[10] Separate threads give $35^{s}.05$, $35^{s}.62$, $36^{s}.27$.
	8	46.46	2			35.98			24.3	Mu.	23	2	
11940	7.8	48.34	4	14	16	43.08 [11]	28	12	37.9	Mu.	164	55	[11] One thread decreased 10 sec.
	7	47.38	2			43.12			36.0	Tr.	118	16	
	7.8	46.40	6			43.19			38.8	Mer.	23	37	
	7	47.44	5			43.29			37.4	Mu.	117	1	
11941	8	47.20	1	14	16	46.06	30	10	59.9 [12]	Mer.	88	96	[12] Decl. changed one rev. south.
	..	46.38	1			46.48			....	Mu.	13	14	
11942	8	46.38	5	14	16	49.55	41	38	11.0	Mer.	19	12	
	8	46.39	7			49.76			6.8	Mer.	20	13	
11943	8.9	47.34	1	14	16	52.69	27	1	42.4	Mu.	112	79	
11944	9	49.36	1	14	16	54.61	23	54	0.1	Tr.	240	18	
11945	..	47.34	2	14	16	54.78	27	5	59.8	Mer.	99	96	
11946	8	49.22	3	14	16	57.81	33	59	32.2	Mer.	170	70	
11947	8	47.40	1	14	16	58.14	30	49	5.4	Tr.	119	29	
	9	49.38	5			58.27			2.6	Mer.	182	21	
11948	..	47.34	..	14	16	59...	26	50	16.0	Mer.	99	97	
11949	5	52.40	5	14	17	5.67	19	17	3.7	Tr.	279	31	
11950	5	52.40	5	14	17	7.85	19	17	18.4	Tr.	279	32	
11951	8	49.28	3	14	17	7.85	26	3	11.0	Tr.	235	77	
	7	47.34	1			8.09			8.4	Mu.	113	101	
	9	48.34	2			8.24			10.1	Tr.	163	4	
	..	48.40	1			8.40			10.1 [13]	Mer.	124	36	[13] Decl. changed five rev. north.
11952	9	49.24	1	14	17	8.03	36	49	24.6	Mu.	243	96	
11953	9	46.40	2	14	17	9.31	37	56	4.2	Mu.	17	20	
	9	49.26	2			9.53			5.1	Mu.	246	48	
11954	7	47.34	2	14	17	9.31	26	10	7.9	Mu.	113	102	
	7	47.34	3			9.48			7.4	Mer.	98	55	
11955	8	46.34	3	14	17	13.04	29	36	16.3	Tr.	17	18	
	9	47.32	4			13.21			14.6	Mer.	97	46	
11956	9	49.24	1	14	17	14.30	31	33	51.9	Mer.	172	106	
11957	9	48.40	2	14	17	18.75	25	41	6.2	Mer.	124	37	
	10	49.36	1			19.07			1.6	Mu.	254	3	
11958	8	52.39	5	14	17	20.91	20	44	55.1	Tr.	278	38	
11959	7	46.39	3	14	17	22.13	38	50	34.6	Mu.	15	14	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
11960	7	47.34	1	14	17	22.70	26	32	37.8	Mu.	112	80	
	7	47.34	2			24.26			37.3	Mer.	98	56	
11961	10.11	49.22	2	14	17	25.38	35	48	54.8	Tr.	226	28	
11962	9	49.24	2	14	17	31.19	31	32	58.8	Mer.	172	107	
11963	7	46.46	3	14	17	31.54	32	34	12.3	Mu.	23	3	
11964	8	46.26	2	14	17	32.85	39	11	35.4	Tr.	2	1	
	7	46.26	6			33.31			38.4[1]	Mu.	1	3	[1] Decl. changed four rev. north.
	6	46.39	2			33.41			37.4	Mu.	15	15	
11965	9	46.29	3	14	17	44.97	38	10	17.1	Tr.	8	7	
	9	49.26	2			45.13			16.1	Mu.	246	49	
11966	9	49.36	2	14	17	46.20	23	31	56.1	Tr.	240	19	
11967	8	47.34	1	14	17	59.34	26	10	43.1	Mu.	113	103	
11968	9	52.40	5	14	18	7.64	20	20	16.5[2]	Mer.	249	12	[2] Decl. changed five rev. north.
11969	9	47.34	1	14	18	11.78	26	28	41.2	Mu.	113	104	
11970	11	49.36	1	14	18	14.43	25	44	15.0	Mu.	254	4	
	9	48.40	1			14.75			15.3	Mer.	124	38	
11971	6	46.38	3	14	18	27.96	34	46	1.5	Tr.	19	7	
	8	46.38	3			28.06			1.5	Mu.	14	17	
11972	9	49.28	2	14	18	34.65	25	54	32.3	Tr.	235	78	
	9	48.40	2			34.84[3]			36.1	Mer.	124	39	[3] R. A. decreased 1 min.
11973	9	47.41	3	14	18	38.00	27	14	30.3	Mu.	116	42	
11974	8.9	46.38	2	14	18	43.63	34	34	31.6	Tr.	19	8	
11975	10	49.22	3	14	18	46.42	35	46	30.2	Tr.	226	29	
11976	8	46.42	2	14	18	46.78	27	13	33.1[4]	Mer.	25	19	[4] Decl. changed one wire interval north.
	7.8	47.41	3			46.96			33.3	Mu.	116	43	
11977	7	46.42	4	14	18	49.22	31	11	16.0	Mu.	19	29	
11978	10	47.38	2	14	18	49.39[5]	27	40	56.8	Mer.	188	20	[5] One of three threads rejected; R. A.=50^{s}.18.
11979	10	49.24	1	14	18	53.21	31	57	24.6	Mer.	172	108	
11980	8	49.26	2	14	19	6.44[6]	24	10	50.3[7]	Mer.	175	35	[6] Separate threads give 6^{s}.79, 6^{s}.09.
	9.10	49.28	2			6.77			46.6	Mu.	249	105	[7] Decl. changed two wire intervals north.
11981	8	46.29	. .	14	19	13. . .[8]	37	52	57.0	Mu.	7	2	[8] "Too faint for transit."
	9	49.26	3			13.31			48.8	Mu.	246	50	
	8.9	46.40	3			13.32			51.3	Mu.	17	21	
11982	7	47.34	1	14	19	19.37	26	37	51.9	Mu.	112	81	
	8	47.34	2			19.39[9]			56.9	Mer.	99	98	[9] One of three threads rejected; R. A.=20^{s}.24.
	8	47.34	3			19.82			53.3	Mer.	98	57	
	7.8	47.34	1			19.97			55.2	Mu.	113	105	
11983	9.10	49.22	3	14	19	22.46	33	11	3.6	Mu.	241	64	
11984	10	49.38	2	14	19	22.82	30	29	53.2	Mer.	182	22	
	10	47.40	1			23.02			51.0	Tr.	119	30	
11985	6.7	46.38	7	14	19	23.99	28	48	49.1	Mer.	17	8	
	6.7	46.40	4			23.99			54.2	Mer.	23	38	
	4.5	47.34	4			24.01			50.5	Tr.	116	43	
	6	48.42	6			24.44[10]			51.5	Mu.	168	6	[10] One of seven threads rejected; R. A.=23^{s}.65.
11986	8	47.20	2	14	19	32. . .[11]	29	49	16.5	Mer.	88	97	[11] Separate threads give 34^{s}.25, 32^{s}.85. GZ gives 32^{s}.8.
	9	47.32	4			32.55			4.0	Mer.	97	47	
	7.8	46.34	2			32.79			1.1	Tr.	17	19	
11987	10	49.38	2	14	19	46.93	30	22	25.2	Mer.	182	23	
	9	47.40	1			47.26			28.3[12]	Tr.	119	31	[12] Decl. changed one wire interval and two rev. north.
11988	7	47.34	1	14	19	51.46	27	14	38.4	Mu.	112	82	
	7	46.42	2			51.86			35.1[13]	Mer.	25	20	[13] Decl. changed one wire interval north.
	8	47.34	1			52.10			38.7	Mer.	99	99	
	7	47.41	1			52.24			38.4	Mu.	116	44	
11989	9	52.39	5	14	19	51.84	20	35	5.6	Tr.	278	39	
11990	9.10	48.34	2	14	19	53.48	22	20	2.4	Mer.	122	67	
	8	49.29	2			54.14			4.2	Tr.	237	106	
11991	9	52.40	5	14	19	53.73	19	53	17.6	Mer.	249	13	
11992	9	48.34	2	14	19	59.06[14]	22	17	56.2	Mer.	122	68	[14] One of three threads rejected; R. A.=59^{s}.99.
11993	9	46.28	3	14	20	4.01[15]	44	29	34.7	Mer.	4	5	[15] R. A. increased 1 min. and decreased one thread interval.
11994	9	49.26	1	14	20	10.77	24	16	29.3	Mer.	175	36	
11995	9	49.26	1	14	20	20.62	25	1	17.2	Tr.	231	25	
11996	9.10	49.28	3	14	20	22.86[16]	24	40	10.0	Mu.	249	106	[16] One thread decreased 10 sec.
11997	8	47.34	1	14	20	23.78	28	26	24.5	Tr.	116	44	
	8	48.34	4			23.83			23.3	Mu.	164	56	
	7	47.44	4			23.83			24.8[17]	Mu.	117	2	[17] Decl. changed five rev. south.
	7	47.38	3			23.86			24.6	Tr.	118	17	
	8.9	48.42	2			23.98			24.0	Mu.	168	7	
	8.7	46.40	3			24. . .[18]			23.6	Mer.	23	39	[18] Separate threads give 23^{s}.05, 24^{s}.03, 25^{s}.68.
11998	8	47.38	2	14	20	27.50[19]	27	52	0.5	Mer.	188	21	[19] One of three threads rejected; R. A.=26^{s}.39.
11999	8	46.26	4	14	20	29.83[20]	44	38	49.1[21]	Mer.	1	26	[20] R. A. increased one thread interval.
	4.5	46.29	5			29.92			49.2	Mer.	5	27	[21] Decl. changed one rev. south.
12000	8	47.32	2	14	20	42.36	29	2	3.1	Mer.	97	48	
	9	46.38	4			42.52			3.8	Mer.	17	9	
12001	8	49.22	3	14	20	42.81	34	5	42.3	Mer.	170	71	
12002	9	47.41	1	14	20	49.83	27	25	37.5	Mu.	116	45	
12003	7	49.28	3	14	20	53.24	25	20	31.0	Tr.	235	79	
	5	48.40	3			53.25			24.9	Mer.	124	40	
	7	48.34	3			53.32			30.1	Tr.	163	5	
	7.8	48.40	4			53.34			23.8	Mu.	165	30	
	7	49.36	2			53.69[22]			22.6	Mu.	254	5	[22] R. A. decreased one thread interval.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
12004	10	46.34	1	14	20	57.22	29	15	26.5 [1]	Tr.	17	20	[1] Decl. changed one rev. south.
12005	8	46.26	2	14	21	5.38	39	48	....	Tr.	2	2	
12006	8.9	46.38	5	14	21	11.95	28	57	38.7	Mer.	17	10	
12007	7	49.26	2	14	21	12.92	24	52	8.0	Tr.	231	26	
	8.9	48.40	1			13.02			7.8	Mu.	165	31	
12008	8.9	49.22	5	14	21	16.38	32	56	47.1	Mu.	241	65	
	8	46.46	1			16.60			46.9	Mu.	23	4	
12009	5.6	46.30	4	14	21	33.97	40	10	26.4	Mer.	11	81	
12010	9	47.38	3	14	21	42.46	27	20	20.5	Mer.	188	22	
	8	46.42	3			42.62			17.7	Mer.	25	21	
	6.7	47.34	2			42.62′			33.5 [2]	Mu.	112	83	[2] If micrometer reading be assumed as 7.517 instead of 7.317 rev., as recorded, Decl.= 21″.0.
	8	47.34	3			42.71			19.8	Mer.	99	100	
	7.8	47.41	2			42.83			20.2	Mu.	116	46	
12011	10	49.22	3	14	21	47.05 [3]	35	46	26.0	Tr.	226	30	[3] One of four threads rejected; R. A.=$46^{s}.18$.
12012	8	46.38	3	14	21	49.43	28	38	22.9	Mer.	17	11	
	9	47.34	1			49.45			22.5	Tr.	116	45	
	8.9	48.42	3			49.68			21.5	Mu.	168	8	
	8	46.40	5			49.71			22.1 [4]	Mer.	23	40	[4] Decl. changed one wire interval south.
12013	7	46.26	7	14	21	50.25	39	42	55.5	Mu.	1	4	
	8	46.26	2			50.50			55.8 [5]	Tr.	2	3	[5] Decl. changed one wire interval south and one rev. north.
12014	9	52.40	4	14	21	53.76 [6]	19	40	13.0 [7]	Mer.	249	14	
12015	5.6	46.29	3	14	21	54.58	38	12	0.3	Tr.	8	8	[6] One of five threads rejected; R. A.=$53^{s}.33$.
	7	49.26	1			54.95			0.2	Mu.	246	51	[7] Decl. changed five rev. north.
12016	10	49.36	1	14	21	58.89	25	48	44.5	Mu.	254	6	
	7	48.40	2			59.15			43.8	Mer.	124	41	
	9	48.34	2			59.18			45.7	Tr.	163	6	
	9	49.28	2			59.52			45.2	Tr.	235	80	
12017	10	49.24	1	14	21	59.99	36	52	3.7	Mu.	243	97	
12018	9	47.34	4	14	22	4.21	26	9	45.2	Mer.	98	58	
	7	47.34	3			4.49			54.1	Mu.	113	106	
12019	7	46.29	3	14	22	8.31	44	8	14.5	Mer.	5	28	
	8.9	46.28	5			8.53			10.5	Mer.	4	6	
12020	9	47.32	3	14	22	9.57 [8]	29	25	34.6	Mer.	97	49	[8] One of four threads rejected; R. A.=$10^{s}.54$.
	8	46.34	1			9.68			36.3	Tr.	17	21	
12021	8	47.34	1	14	22	9.63	26	23	9.4	Mer.	98	59	
	8	47.34	1			10.12			0.3	Mu.	113	107	
12022	7	49.22	4	14	22	10.49	34	0	37.5	Mer.	170	72	
12023	6	51.43	5	14	22	10.93	21	47	27.1	Tr.	263	1	
12024	9	49.36	2	14	22	17.76	23	55	9.0	Tr.	240	20	
12025	8.9	48.40	1	14	22	23.87	24	38	40.7	Mu.	165	32	
	7	49.26	1			24.22			39.7	Tr.	231	27	
	9	49.28	3			24.34			41.7	Mu.	249	107	
	6.7	49.26	6			24.46			38.9	Mer.	175	37	
12026	8	51.43	5	14	22	24.23	21	53	23.8	Tr.	263	2	
12027	9.10	46.38	1	14	22	25.30 [9]	34	40	16.1 [10]	Mu.	14	18	[9] GZ gives $26^{s}.2$.
	10	46.38	2			26.42			57.1	Tr.	19	9	[10] If micrometer reading be assumed as 53.238 instead of 53.938 rev., as recorded, Decl.= 60″.3. GZ gives 58″.
12028	8	52.40	5	14	22	26.14	20	2	43.1	Mer.	249	15	
12029	9	46.40	2	14	22	32.72	37	53	19.1	Mu.	17	22	
	7	46.29	3			32.76 [11]			23.0	Mu.	7	3	[11] R. A. increased 30 sec.
12030	8	46.42	2	14	22	44. . . [12]	31	20	59.5	Mu.	19	30	[12] Separate threads give $44^{s}.88$, $45^{s}.90$. GZ gives $44^{s}.7$.
12031	10	47.38	1	14	22	48.28	27	57	24.8	Tr.	118	18	
	9.10	48.34	3			48.35 [13]			22.6	Mu.	164	57	[13] R. A. decreased 1 min.
	8.9	47.44	2			48.39			22.7	Mu.	117	3	
12032	9	52.29	5	14	22	48.37	19	18	21.1	Tr.	274	1	
12033	7	48.40	1	14	22	49.09	25	54	41.6	Mer.	124	42	
	9	49.28	1			49.16			37.8	Tr.	235	81	
12034	9	49.24	4	14	22	50.13	31	53	11.4	Mer.	172	109	
12035	11	49.24	1	14	22	54.51	36	52	20.8	Mu.	243	98	
12036	9	49.24	2	14	22	57.74	31	47	6.6	Mer.	172	110	
12037	11	49.38	2	14	22	59.65	30	52	52.4	Mer.	182	24	
	10	47.40	1			59.74			52.9	Tr.	119	32	
12038	6	46.42	3	14	23	4.77	31	30	59.8 [14]	Mu.	19	31	[14] Decl. changed five rev. north.
12039	8	49.36	2	14	23	12.06	23	53	26.1	Tr.	240	21	
12040	10.11	49.22	1	14	23	17.48	32	56	20.6	Mu.	241	66	
12041	8	49.22	3	14	23	22.28	33	44	50.0	Mer.	170	73	
12042	6.7	47.34	4	14	23	23.08	27	2	16.3	Mu.	112	84	
	8	47.34	3			23.62			11.5	Mer.	99	101	
12043	9	47.41	1	14	23	23.27	27	22	8.4	Mu.	116	47	
	8.9	46.42	2			23.80			7.2	Mer.	25	22	
12044	8	47.44	1	14	23	23.52	28	34	41.0	Mu.	117	4	
12045	9	46.39	3	14	23	27.62	41	44	17.8	Mer.	20	14	
12046	7.8	47.34	2	14	23	31.36	26	6	55.0	Mu.	113	108	
	8	47.34	2			31.59			58.1	Mer.	98	60	
12047	10	47.34	1	14	23	33.40 [15]	27	10	60.4	Mer.	99	102	[15] Minute assumed.
	9	47.41	1			33.41			59.2	Mu.	116	48	
	8.9	46.42	2			33.58			59.2	Mer.	25	23	
	8	47.38	1			33.88			60.9	Mer.	188	23	
12048	8	49.26	4	14	23	34.34	24	24	38.4	Mer.	175	38	
12049	8	49.29	3	14	23	35.37	22	46	37.7	Tr.	237	107	
12050	. .	52.40	5	14	23	35.95	20	16	....	Mer.	249	16	

P.O.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
12051	9.10	46.34	2	14	23	49.27	29	39	49.8	Tr.	17	22	
	9	47.32	1			49.39			49.8	Mer.	97	50	
12052	11	46.38	1	14	23	50.04	34	51	38.3	Tr.	19	10	
12053	9	49.24	2	14	23	58.64	32	13	44.9	Mer.	172	111	
12054	9	49.36	1	14	24	1.42	23	31	17.1	Tr.	240	22	
12055	9	49.22	2	14	24	5.21	34	1	46.6	Mer.	170	74	
12056	..	49.22	1	14	24	7.41	34	3	7.0	Mer.	170	75	
12057	9	46.38	5	14	24	14.69	28	45	4.4	Mer.	17	12	
12058	8.9	46.38	2	14	24	16.62	34	17	9.8	Tr.	19	11	
12059	5.4	47.29	3	14	24	17.25	30	2	50.3	Tr.	110	2	
	4	46.38	5			17.32			50.2	Mu.	13	15	
	7	47.20	4			17.51			54.5	Mer.	88	98	
12060	8	49.36	2	14	24	17.62	23	45	36.6	Tr.	240	23	
12061	9	47.20	1	14	24	25.77 [1]	30	13	41.6 [2]	Mer.	88	99	[1] R. A. increased one thread interval.
12062	9	47.20	1	14	24	26.77 [3]	30	18	28.8	Mer.	88	100	[2] Decl. changed one wire interval and one rev. north.
	9	47.40	1			27.17			23.8	Tr.	119	33	
	9	49.38	2			27.34 [4]			23.8	Mer.	182	25	[3] R. A. increased one thread interval.
12063	7	46.46	4	14	24	28.09	32	39	4.5	Mu.	23	5	[4] R. A. decreased 1 min.
12064	10.11	49.22	3	14	24	33.87 [5]	35	36	13.2	Tr.	226	31	[5] R. A. increased 1 min.
12065	8	46.39	5	14	24	38.71	41	26	4.5	Mer.	20	15	
12066	5	46.42	3	14	25	9.93	31	17	33.8	Mu.	19	32	
12067	9.10	48.42	2	14	25	11.12	29	0	24.8	Mu.	168	9	
	9	46.38	3			11.19			23.5	Mer.	17	13	
12068	9	49.36	1	14	25	12.54	23	40	50.2	Tr.	240	24	
12069	9	49.24	1	14	25	18.95	36	54	53.7	Mu.	243	99	
12070	7	49.22	1	14	25	21.99	33	56	35.2	Mer.	170	76	
12071	7	46.38	5	14	25	38.25	34	47	56.6	Mu.	14	19	
12072	10	46.38	1	14	25	47.30	34	28	14.0	Tr.	19	12	
12073	8	49.26	3	14	25	48.11	24	36	51.9	Mer.	175	39	
12074	10	46.30	2	14	25	53.51	33	16	15.8	Tr.	15	1	
12075	6	51.43	5	14	25	56.35	21	43	44.0	Tr.	263	3	
12076	9	48.34	2	14	25	56.61	25	28	52.1 [6]	Tr.	163	7	[6] Decl. changed one wire interval south.
.	9	49.36	2			56.70 [7]			52.5	Mu.	254	7	[7] R. A. decreased one thread interval.
	8	49.28	2			56.88			50.7	Tr.	235	82	
	7	48.40	3			57.00 [8]		.	54.7	Mer.	124	43	[8] R. A. increased 1 min.
12077	5	46.39	7	14	26	0.21	41	29	39.7	Mer.	20	16	
	2.3	46.38	7			0.51			39.6	Mer.	19	13	
12078	9	46.26	5	14	26	0.98	44	57	20.2	Mer.	1	27	
12079	9	46.40	4	14	26	1.00	37	50	36.2	Mu.	17	23	
	7	46.29	3			1.44			38.8	Mu.	7	4	
12080	7.8	46.29	7	14	26	3.63	40	51	....	Mer.	6	25	
12081	11	49.22	3	14	26	5.46	35	27	36.2	Tr.	226	32	
12082	11	46.29	2	14	26	9.31 [9]	38	32	29.1	Tr.	8	9	[9] Minute assumed.
12083	9	49.28	1	14	26	14.85	25	23	39.3	Tr.	235	83	
	8	49.36	1			15.18			38.1	Mu.	254	8	
	7	48.40	2			15.34			39.1	Mer.	124	44	
12084	7	52.40	5	14	26	24.80	19	46	39.2	Mer.	249	17	
12085	9	49.24	4	14	26	31.95 [10]	31	46	39.7 [11]	Mer.	172	112	[10] R. A. increased 1 min.
12086	8.9	46.42	2	14	26	48.77	27	21	51.4	Mer.	25	24	[11] Decl. changed two wire intervals north.
	8	47.41	5			48.86			52.0	Mu.	116	49	
.	9	47.38	4		.	48.86 [12]			50.9	Mer.	188	24	[12] R. A. increased 1 min.
12087	9	49.36	2	14	26	55.02	23	40	55.9	Tr.	240	25	
12088	10	49.36	1	14	26	56.19	25	19	0.6	Mu.	254	9	
	7	48.40	1			56.61			2.6	Mer.	124	45	
	9	49.26	1			57.00			1.1	Tr.	231	28	
12089	11	46.34	2	14	26	57.78	29	36	30.1	Tr.	17	23	
12090	8	46.38	2	14	27	1.14	34	14	50.2	Tr.	19	13	
12091	9	46.38	4	14	27	1.44	28	51	20.5	Mer.	17	14	
	9.10	48.42	3			1.55			20.0	Mu.	168	10	
12092	7	49.22	2	14	27	1.78	34	6	22.9	Mer.	170	77	
12093	6	46.39	5	14	27	3.06	38	56	15.6	Mu.	15	16	
12094	10	49.24	1	14	27	11.01	36	38	36.7	Mu.	243	100	
12095	7	46.26	4	14	27	20.25	39	33	12.3	Tr.	2	4	
	7	46.26	5			20.38			8.9	Mu.	1	5	
12096	9	49.36	1	14	27	27.82	23	55	34.6	Tr.	240	26	
12097	9	46.40	1	14	27	34.56	36	5	20.8 [13]	Mu.	16	26	[13] If micrometer reading be assumed as 49.13 instead of 44.43 rev., as recorded, Decl.= 0′ 23″.9. Gou gives 28″. GZ gives 25″.
12098	10	49.22	3	14	27	34.86	36	0	26.5	Tr.	226	33	
12099	10	49.22	2	14	27	38.04 [14]	33	6	59.3	Mu.	241	67	
12100	8	47.38	2	14	27	44.37	27	35	52.5	Mer.	188	25	[14] R. A. increased 1 min.
	7	47.41	2			44.41			52.0	Mu.	116	50	
	8	46.42	2			44.65			51.2	Mer.	25	25	
12101	9	47.20	3	14	27	44. .. [15]	30	22	42.5	Mer.	88	101	[15] Separate threads give $44^{s}.76$, $44^{s}.11$, $45^{s}.30$.
	8	47.40	1			44.46			42.0	Tr.	119	34	
	9	49.38	3			44.63			41.4 [16]	Mer.	182	26	[16] Decl. changed one rev. north.
12102	9	47.44	2	14	27	45.34	28	12	23.6	Mu.	117	5	
12103	7	49.22	3	14	27	45.51	34	8	12.6	Mer.	170	78	[17] One transit thread rejected; Decl.=23″.3.
12104	11	51.43	5	14	27	54.22	22	4	31.7 [17]	Tr.	263	4	[18] "Double." Component not stated.
12105	7.8	49.24	1	14	27	55.19	36	52	28.0	Mu.	243	101 [18]	[19] One of four threads rejected; R. A.=$56^{s}.12$.
12106	10	49.24	3	14	27	56.89 [19]	31	45	48.3	Mer.	172	113	[20] R. A. increased one thread interval. Two of five threads rejected; R. A.=$58^{s}.22$, $58^{s}.44$.
12107	8.9	46.30	3	14	27	57.04 [20]	40	7	53.6	Mer.	11	82	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
12108	9	49.28	2	14	27	57.74	25	55	17.1	Tr.	235	84	
12109	9	48.34	3	14	27	58.86	28	26	27.0	Mu.	164	58	
	9	48.42	2			58.91			26.8	Mu.	168	11	
	8	46.40	3			59.03			28.2	Mer.	23	41	
	10	47.38	2			59.12 [1]			26.0	Tr.	118	19	[1] One thread decreased one thread interval.
12110	9	46.46	2	14	28	2. . . [2]	32	31	21.5	Mu.	23	6	[2] Separate threads give $3^{s}.61$, $2^{s}.48$. Gou gives $2^{s}.9$.
12111	10	49.36	1	14	28	6.63	23	49	5.4	Tr.	240	27	
12112	8	46.40	2	14	28	13. . . [3]	28	3	49.7	Mer.	23	42	[3] Separate threads give $13^{s}.08$, $14^{s}.00$.
	9	47.38	1			13.43			55.3	Tr.	118	20	
	9	48.34	2			13.44			51.4	Mu.	164	59	
	7.8	47.44	2			13.75			50.9	Mu.	117	6	
12113	10	49.24	2	14	28	18.47	31	52	18.3	Mer.	172	114	
12114	7	47.29	2	14	28	20.83	29	31	7.6	Tr.	110	3	
	7	46.34	3			20.96			9.9 [4]	Tr.	17	24	[4] Decl. changed one wire interval north.
	7	47.32	3			21.00			18.1 [5]	Mer.	97	51	[5] If micrometer reading be assumed as 43.40 instead of 43.10 rev., as recorded, Decl.=7″.8.
12115	..	52.29	4	14	28	24.11 [6]	19	27	34.0	Tr.	274	2	
12116	9	48.40	3	14	28	24.87	25	8	24.6	Mu.	165	33	[6] One of five threads rejected; R. A.=$23^{s}.44$.
	8	49.36	1			25.13			25.0	Mu.	254	10	
	8	49.26	2			25.18			22.6	Tr.	231	29	
12117	8.9	46.26	5	14	28	25.26	45	13	4.7	Mer.	1	28	
12118	9	49.22	1	14	28	28.02	33	37	0.9	Mer.	170	79	
12119	9	47.38	1	14	28	28.49	27	38	43.0	Mer.	188	26	
	9	47.41	1			28.95			43.0	Mu.	116	51	
12120	8	46.38	5	14	28	36.06	34	51	45.5	Mu.	14	20	
	8	46.38	2			36.12			44.9	Tr.	19	14	
12121	9	48.42	1	14	28	37.90	29	1	33.2	Mu.	168	12	
	10	47.34	2			38.47			36.3	Tr.	116	46	
	8	46.38	7			38.63			32.6	Mer.	17	15	
12122	6	46.29	3	14	28	59.15 [7]	38	8	19.4	Tr.	8	10	[7] R. A. decreased one thread interval.
12123	11	46.26	2	14	29	7.49	39	16	31.4	Tr.	2	5	
12124	8	49.26	4	14	29	8.92	24	47	31.6 [8]	Mer.	175	40	[8] Decl. changed one wire interval south.
12125	9	49.24	1	14	29	12.58	31	41	54.4	Mer.	172	115	
12126	6	46.38	3	14	29	17.46	34	37	14.0	Tr.	19	15	
12127	9	52.40	5	14	29	22.76	19	46	14.9 [9]	Mer.	249	18	[9] Decl. changed five rev. north.
12128	8	49.29	3	14	29	26.19	22	30	30.8	Tr.	237	108	
12129	8.9	46.29	1	14	29	26.80	37	10	7.2	Mu.	7	5	
	9	49.24	2			27.32			14.3 [10]	Mu.	243	102	[10] Reduced for wire 2, 21 rev. instead of wire 2, 1 rev. as recorded.
12130	7	46.42	2	14	29	34. . . [11]	31	15	48.7	Mu.	19	33	
12131	9	49.24	1	14	29	44.97	31	37	7.1	Mer.	172	116	[11] Separate threads give $34^{s}.87$, $33^{s}.97$. AW and GZ give $34^{s}.0$.
12132	7.8	46.38	3	14	29	46.97	34	56	20.5	Mu.	14	21	
12133	10	49.22	3	14	30	4.66	35	34	39.6	Tr.	226	34	
12134	9	46.39	3	14	30	13.71	38	54	. . . .	Tr.	21	1	
	7	46.39	4			13.74			43.3	Mu.	15	17	
12135	8	46.46	3	14	30	14.24 [12]	32	43	54.4 [13]	Mu.	23	7	[12] One of four threads rejected; R. A.=$13^{s}.29$.
12136	9	51.43	5	14	30	18.96	21	53	1.9	Tr.	263	5	[13] If micrometer reading be assumed as 21.735 instead of 21.435 rev., as recorded, Decl.= 35″.5. Gou gives 33″.
12137	..	52.29	5	14	30	21.06	19	17	20.7	Tr.	274	3	
12138	8	49.29	2	14	30	22.40	22	39	35.1	Tr.	237	109	
12139	8	51.43	5	14	30	23.16	21	40	36.2	Tr.	263	6	
12140	9.10	47.40	1	14	30	30.93	31	0	29.9	Tr.	119	35	
12141	8	46.26	5	14	30	31.27	45	8	34.9	Mer.	1	29	
12142	6	49.26	4	14	30	43.09	24	22	36.0	Mer.	175	41	
12143	11	52.29	4	14	30	44.12 [14]	19	28	. . . .	Tr.	274	5	[14] One of five threads rejected; R. A.=$44^{s}.58$.
12144	7	46.30	5	14	30	49.39	40	11	28.9	Mer.	11	83	
12145	9	52.40	3	14	30	51.97 [15]	19	42	20.1	Mer.	249	19	[15] Two of five threads rejected; R. A.=$51^{s}.56$, $51^{s}.27$.
12146	9.10	48.34	2	14	30	55.99 [16]	27	58	3.1	Mu.	164	60	
	8	47.44	1			56.03			2.5	Mu.	117	7	[16] Separate threads give $56^{s}.38$, $55^{s}.60$.
12147	7	48.34	3	14	30	57.04	26	4	20.9	Tr.	163	8	
	7	47.34	2			57.08			17.0	Mu.	113	109	
	8	47.34	3			57.18			31.1 [17]	Mer.	98	61	[17] If micrometer reading be assumed as 35.425 instead of 35.125 rev., as recorded, Decl.= 20″.7.
	5	48.40	3			57.34			18.4	Mer.	124	46	
12148	10	52.29	5	14	31	0.92	19	12	56.8	Tr.	274	4	
12149	8.9	46.30	7	14	31	8.24	41	33	44.8 [18]	Mer.	13	42	[18] Decl. changed one rev. north.
	8.9	46.39	7			8.26			43.9	Mer.	20	17	
12150	8	47.34	3	14	31	12.61 [19]	26	28	50.6	Mer.	98	62	[19] R. A. increased 1 min.
	7	47.34	1			13.61			49.2	Mu.	113	110	
	7	48.46	4			13.87 [20]			50.4 [21]	Mu.	172	1	[20] Two of four threads decreased 1 sec. each.
12151	9	49.36	1	14	31	26.53	23	27	10.6	Tr.	240	28	[21] Decl. changed one rev. south.
12152	7	46.38	3	14	31	30.36	29	53	10.6	Mu.	13	16	
	7	47.29	3			30.40			13.2	Tr.	110	4	
	8	47.20	2			30.56 [22]			12.0 [23]	Mer.	88	102	[22] One of three threads rejected; R. A.=$29^{s}.37$.
12153	10	49.24	1	14	31	31.16	36	46	14.6	Mu.	243	103	[23] Decl. changed one wire interval north.
12154	9	46.48	2	14	31	35.32	28	39	5.0	Mu.	27	1	
	8	48.42	3			35.43			3.4	Mu.	168	13	
	7.8	46.38	4			35.47			5.5	Mer.	17	16	
	8	46.40	4			35.62			6.1	Mer.	23	43	
	9	47.34	3			35.87			5.6	Tr.	116	47	
12155	9	47.41	1	14	31	36.82	27	29	24.7	Mu.	116	52	
12156	6	48.40	2	14	31	42.97 [24]	25	36	23.2	Mer.	124	47	[24] R. A. decreased one thread interval.
	5	49.36	1			43.05			19.9	Mu.	254	11	
	7	49.28	1			43.06			21.4 [25]	Tr.	235	85	[25] Decl. changed one wire interval north.
	7	48.34	2			43.11			19.6	Tr.	163	9	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
12157	8	48.40	1	14	31	48.02[1]	25	35	57.2	Mer.	124	48	[1] R. A. decreased one thread interval.
•	9	49.36	1			48.06			55.9	Mu.	254	12	
	9	49.28	1			48.07			58.7[2]	Tr.	235	86	[2] Decl. changed one wire interval north.
12158	8.9	49.22	3	14	31	49.69	35	29	12.2	Tr.	226	35	
	6	46.38	3			49.81			11.7	Mu.	14	22	
12159	8	49.24	3	14	31	52.13	31	40	36.8	Mer.	172	117	
12160	9	49.22	3	14	32	10.11	33	57	54.4	Mer.	170	80	
12161	8	49.28	1	14	32	13.57[3]	25	46	56.8	Tr.	235	87	[3] R. A. decreased 1 min.
	6	49.36	1			13.58			55.7	Mu.	254	13	
	5	48.40	1			13.74			56.2	Mer.	124	49	
12162	7.8	49.36	2	14	32	14.68	23	24	35.7	Tr.	240	29	
12163	10	46.30	2	14	32	19.31	33	18	7.8	Tr.	15	2	
	9.10	49.22	3			19.53			8.1	Mu.	241	68	
12164	9	46.26	1	14	32	28.80[4]	39	14	25.4[5]	Mu.	1	6	[4] "Too faint for transit." R. A. increased 10 sec.
12165	8.9	46.38	5	14	32	32.33	42	8	31.7	Mer.	19	14	[5] Decl. changed one rev. south. An equatorial comparison with Gou 19815 gives 11″.
12166	7	51.43	5	14	32	34.02	21	58	13.6	Tr.	263	7	
12167	2.3	49.24	2	14	32	39.48	37	8	47.1	Mu.	243	104	
	4	46.29	7			39.75			....[6]	Tr.	10	1	[6] Decl. changed two rev. south.
	5	46.40	5			39.82			44.8	Mu.	17	24	
	5.6	46.29	4			39.93			45.4	Mu.	7	6	
12168	9	49.26	3	14	32	51.35	24	5	0.1	Mer.	175	42	
12169	7	47.32	3	14	32	53.14	29	3	1.2[7]	Mer.	97	52	[7] Decl. changed five rev. north.
	9	46.48	2			53.44			5.8	Mu.	27	2	
	7	46.38	7			53.56			5.3	Mer.	17	17	
	7	46.34	1			53.59			5.1	Tr.	17	25	
	9	47.34	3			53.72			6.3	Tr.	116	48	
	8	48.42	1			53.98			3.1	Mu.	168	15	
12170	7	47.40	1	14	32	54.92	30	17	12.1	Tr.	119	36	
	7	47.20	3			55. . .[8]			4.9	Mer.	88	103	[8] Separate threads give $54^{s}.75$, $55^{s}.87$, $55^{s}.24$.
	6	49.38	5			55.32			12.8	Mer.	182	27	
	6	46.38	3			55.69			11.3	Mu.	13	17	
12171	8	49.24	1	14	32	57.88	32	10	6.9	Mer.	172	118	
12172	9.10	46.26	3	14	32	58.43[9]	44	57	6.9	Mer.	1	30	[9] One of four threads rejected; R. A.=$59^{s}.44$.
12173	9	49.22	2	14	32	59.11[10]	33	40	13.2	Mer.	170	81	[10] R. A. increased 1 min.
	8.9	46.42	5			59.22[11]			12.9	Mu.	20	1	[11] Last two threads decreased 1 sec. each. GZ gives $59^{s}.1$.
12174	9	52.29	5	14	32	59.75	19	16	54.5	Tr.	274	6	
12175	10	47.34	1	14	33	2.99	28	42	32.0	Tr.	116	49	
	9	46.38	1			3.45			34.6	Mer.	17	18	
	9	48.42	2			3.53			31.1	Mu.	168	14	
	8	46.40	4			3.55			32.4	Mer.	23	44	
12176	9	49.26	1	14	33	5.40	25	12	5.3	Tr.	231	30	
12177	7	47.41	4	14	33	9.29	27	25	12.2	Mu.	116	53	
	8	47.38	6			9.32			19.1[12]	Mer.	188	27	[12] If micrometer reading be assumed as 45.407 instead of 45.107 rev., as recorded, Decl.= 8″.8.
	7.8	46.42	3			9.65			9.7	Mer.	25	26	
12178	9	48.34	3	14	33	9.96	28	10	21.5	Mu.	164	61	
	9	47.38	2			10. . .[13]			22.3	Tr.	118	21	[13] Separate threads give $9^{s}.38$, $10^{s}.46$. Gou gives $10^{s}.3$.
	7	47.44	3			10.35			55.1[14]	Mu.	117	8	
	8	46.40	1			10.67			22.6	Mer.	23	45	[14] To make this agree with other observations, the recorded micrometer reading 30.665 rev. must be increased about .5 rev.
12179	9	49.22	1	14	33	10.81	34	5	43.7	Mer.	170	82	
12180	9	49.22	2	14	33	11.44	32	59	20.0	Mu.	241	69	
	8.9	46.30	2			11.65			21.9	Tr.	15	3	
12181	6	49.24	3	14	33	12.71	32	7	8.1	Mer.	172	119	
	7	46.46	2			13.09			9.6	Mu.	23	8	
12182	8.9	47.44	1	14	33	16.32	28	15	58.0	Mu.	117	10	
12183	9	48.34	2	14	33	21.29	28	13	7.0	Mu.	164	62	
	8	47.44	1			21.63			4.6	Mu.	117	9	
12184	9	49.38	1	14	33	24.69	30	46	44.3	Mer.	182	28	
	10	47.40	1			24.96			47.5	Tr.	119	37	
12185	8	48.46	3	14	33	38.74	27	8	36.0	Mu.	172	2	
	7	47.41	1			38.81			31.2	Mu.	116	54	
	7.8	46.42	3			38.84			33.8[15]	Mer.	25	27	[15] Decl. changed one wire interval north.
	8	47.34	3			38.91			32.2	Mer.	99	103	
12186	9	49.24	1	14	33	41.48	36	41	56.8	Mu.	243	106	
12187	9	49.36	1	14	33	46.81	25	5	43.8	Mu.	254	14	
12188	8	46.30	5	14	33	50.37	40	22	52.0	Mer.	11	84	
12189	9	49.24	1	14	33	54.88	32	9	38.1	Mer.	172	120	
12190	9	49.24	1	14	33	58.43	36	53	49.5	Mu.	243	105	
12191	7	46.39	2	14	34	12.35	38	49	19.1	Mu.	15	18	
	9	46.39	7			12.68			....	Tr.	21	2	
12192	9	46.39	3	14	34	13.34	39	0	18.1	Mu.	15	19	
12193	7	47.32	2	14	34	13.90	29	42	56.3[16]	Mer.	97	53	[16] Decl. changed six rev. north.
	8	46.34	2			14.04			51.3	Tr.	17	26	
	8	46.38	2			14.11			52.4	Mu.	13	18	
	9	47.29	2			14.24			50.5	Tr.	110	5	
12194	8	49.36	2	14	34	16.41	23	50	48.2	Tr.	240	30	
12195	9	48.40	1	14	34	18.67	24	52	26.7	Mu.	165	34	
12196	9.10	48.42	1	14	34	18.81	29	9	12.0	Mu.	168	16	
	9	46.38	3			18.91			12.1	Mer.	17	19	
12197	4	46.38	3	14	34	29.98	34	31	22.2	Tr.	19	16	
12198	7	49.26	4	14	34	30.88	24	27	59.9	Mer.	175	43	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
12199	7	47.32	1	14	34	32.93	29	33	49.8	Mer.	97	54	
	7	47.29	1			33.39			50.2	Tr.	110	6	
	8	46.34	1			33.48			55.7	Tr.	17	27	
12200	5	49.26	3	14	34	33.96	24	21	14.7	Mer.	175	44	
12201	6	51.46	5	14	34	49.56	22	22	24.8	Tr.	264	1	
12202	7	47.32	1	14	34	49.18[1]	29	21	6.5	Mer.	97	55	[1] Gou gives 50^{s}.4.
	7	46.34	1			50.42			13.9	Tr.	17	28	
12203	9	49.24	1	14	34	51.48	36	40	18.0	Mu.	243	107	
12204	9.10	46.29	1	14	34	52.21	37	30	2.6	Mu.	7	7	
12205	9	49.36	1	14	34	52.59	23	49	2.7	Tr.	240	31	
12206	7.8	46.42	2	14	34	54.33	27	7	57.9[2]	Mer.	25	28	[2] If micrometer reading be assumed as 38.94 instead of 38.34 rev., as recorded, Decl. = 37″.2.
	8	47.34	2			54.48			36.3	Mer.	99	104	
	9	48.46	2			54.92			35.2	Mu.	172	3	
12207	11	49.22	2	14	34	59.12[3]	35	26	51.2	Tr.	226	36	[3] R. A. decreased 1 min.
12208	10	47.40	1	14	35	5.81	30	48	5.5	Tr.	119	38	
12209	8	49.28	2	14	35	6.66[4]	25	22	17.8	Tr.	235	88	[4] R. A. decreased 1 min.
	8	48.34	3			6.85			16.1	Tr.	163	10	
	9	49.26	2			7.00			12.9	Tr.	231	31	
	7	49.36	1			7.12			16.8	Mu.	254	15	
	4	48.40	2			7.16			15.1	Mer.	124	50	
12210	8	46.38	1	14	35	8.65[5]	30	9	33.4	Mu.	13	19	[5] R. A. decreased one thread interval.
	9	47.20	2			8.65			34.1	Mer.	88	104	
12211	9	46.38	1	14	35	9.62[6]	30	14	2.4	Mu.	13	20	[6] R. A. decreased one thread interval. GZ gives 11^{s}.4.
12212	9	47.34	3	14	35	12.83	26	43	6.0	Mer.	98	63	
12213	8.9	46.28	5	14	35	12.89	44	1	32.3	Mer.	4	7	
12214	9	49.36	1	14	35	15.73	23	26	21.4	Tr.	240	32	
12215	8	47.38	4	14	35	18.08	27	42	41.9	Mer.	188	28	
	7.8	47.41	3			18.35			41.7	Mu.	116	55	
12216	8.9	47.44	1	14	35	36.66	28	22	25.2	Mu.	117	11	
12217	7	49.36	1	14	35	40.34	23	29	25.6	Tr.	240	33	
12218	8	49.36	1	14	35	40.35	25	15	8.0	Mu.	254	16	
12219	8	51.46	5	14	35	43.56	22	19	51.4	Tr.	264	2	
12220	10	46.29	2	14	35	44.79	38	6	51.4	Tr.	8	11	
12221	5	46.38	3	14	35	48.13	34	33	7.1	Tr.	19	17	
12222	8	49.26	3	14	35	57.53	24	24	38.0	Mer.	175	45	
12223	9	46.38	3	14	36	4.97	28	41	42.8	Mer.	17	20	
12224	8.9	49.22	2	14	36	6.51[7]	35	30	34.7	Tr.	226	37	[7] One of three threads rejected; R. A. = 5^{s}.56.
	10	46.29	2			6.63			30.0	Tr.	12	1	
	7	46.38	4			6.64			35.3	Mu.	14	23	
12225	8	46.28	5	14	36	9.52	44	13	44.9	Mer.	4	8	
	7	46.29	6			9.64			42.5	Mer.	5	29	
12226	8	47.41	2	14	36	10.01	27	24	36.2	Mu.	116	56	
	9	47.38	1			10.03			42.3	Mer.	188	29	
12227	9	49.22	3	14	36	10.55	33	28	20.0[8]	Mer.	170	83	[8] Decl. changed one wire interval north.
12228	9	46.40	2	14	36	10.69	37	18	57.8	Mu.	17	25	
	7.8	49.24	1			11.72			59.7	Mu.	243	108	
12229	9	52.40	4	14	36	15.15[9]	19	50	32.6	Mer.	249	20	[9] One of five threads rejected; R. A. = 14^{s}.54.
12230	6.7	49.36	1	14	36	20.36	25	11	24.9	Mu.	254	17	
	9	49.26	2			20.72			25.8	Tr.	231	32	
	9	48.40	2			20.87[10]			24.4	Mu.	165	35	[10] One of three threads rejected; R. A. = 20^{s}.12.
12231	8	49.24	2	14	36	29.48[11]	32	5	49.3	Mer.	172	121	[11] R. A. decreased 1 min.
12232	9	46.30	6	14	36	30.55	41	30	42.0	Mer.	13	43	
12233	8	47.34	1	14	36	34.71[12]	26	34	3.4	Mer.	99	105	[12] Minute assumed.
	9	47.34	1			35.19			13.2	Mu.	113	111	
12234	9	47.34	3	14	36	46.90	26	18	15.8	Mer.	98	64	
	7.8	47.34	2			47.21			16.4	Mu.	113	112	
12235	7	51.43	5	14	37	11.03	21	46	22.0	Tr.	263	8	
12236	8	47.20	3	14	37	12.94	30	20	2.4	Mer.	88	105	
	8	49.38	1			13.08			0.6	Mer.	182	29	
12237	10	46.30	3	14	37	14.43	33	7	48.7	Tr.	15	4	
	9.10	49.22	4			14.58			48.3	Mu.	241	70	
12238	9	49.22	1	14	37	17.08	33	54	2.3	Mer.	170	84	
12239	5	49.26	2	14	37	19. . .[13]	24	48	8.8	Mer.	175	46	[13] One thread increased 10 sec. Separate threads give 18^{s}.92, 19^{s}.89. Gou gives 19^{s}.9.
	4	49.26	3			19.64			8.8	Tr.	231	33[14]	
	7	48.40	2			19.99[15]			7.9[16]	Mu.	165	36	[14] North preceding observed.
12240	7	49.26	2	14	37	20.07[17]	24	48	15.0	Mer.	175	47	[15] "Time of transit doubtful, 5 or 10 sec." R. A. decreased 9 sec. See note on R. A. of No. 12240_2.
	9	48.40	2			20.28[18]			14.3[19]	Mu.	165	37	
12241	8	49.38	2	14	37	27.01	31	2	51.7	Mer.	182	30	
	7	46.42	4			27.08			50.3	Mu.	19	34	[16] Decl. changed five rev. north.
	9	47.40	1			27.48			53.5	Tr.	119	39	[17] One thread increased 10 sec.
12242	4	51.46	5	14	37	30.68	22	30	51.8	Tr.	264	3	[18] "Time of transit doubtful, 5 or 10 sec." R. A. decreased 9 sec. Gou gives 20^{s}.1. See note on R. A. of No. 12239_3.
12243	7	46.40	3	14	37	41.76	37	39	11.1	Mu.	17	26	
	7	46.29	5			41.93			11.4	Mu.	7	8	
12244	8	49.24	1	14	37	46.92	31	46	38.5	Mer.	172	122	[19] Decl. changed five rev. north.
12245	7	51.43	5	14	37	55.16	21	46	1.5	Tr.	263	9	
12246	8.9	48.46	3	14	38	6.53	26	36	39.6	Mu.	172	4	[20] R. A. decreased one thread interval.
	8	47.34	1			6.58[20]			38.9	Mu.	113	113	[21] Separate threads give 11^{s}.93, 12^{s}.78. AW gives 11^{s}.4. GZ gives 11^{s}.7.
12247	9	46.40	2	14	38	12. . .[21]	28	8	2.9	Mer.	23	46	
12248	9	49.26	1	14	38	17.48[22]	24	49	46.8	Mer.	175	48[23]	[22] R. A. increased one thread interval.
12249	9	51.43	5	14	38	18.23	21	50	18.6	Tr.	263	10	[23] "Bad observation."

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
12250	8	46.26	2	14	38	18.28	39	17	35.0	Tr.	2	6	
	7	46.26	5			18.37			36.8	Mu.	1	7	
12251	8	46.30	5	14	38	21.66	40	59	55.5[1]	Mer.	13	44	[1] Decl. changed one rev. south.
	9	46.29	6			21.74[2]			....	Mer.	6	26	[2] One of seven threads rejected; R. A.=$20^{s}.82$.
12252	8.9	47.41	1	14	38	22.38	27	40	56.5	Mu.	116	57	
12253	8	47.44	2	14	38	28.66	29	42	59.9	Mer.	190	1	
	7.8	47.32	2			28.70			57.3	Mer.	97	56	
	8	46.34	2			28.95			55.7	Tr.	17	29	
	7	47.20	1			29.15			55.9	Mer.	88	106	
12254	7	49.22	3	14	38	29.50	34	5	59.5	Mer.	170	85	
	8	46.42	5			29.68			60.4	Mu.	20	2	
12255	9	46.30	6	14	38	35.97	40	22	55.4	Mer.	11	85	
12256	7	48.40	1	14	38	38.82	24	59	27.5	Mu.	165	38	
	5	49.26	2			39.86			25.3	Tr.	231	34	
12257	9	49.36	1	14	38	46.42	23	25	42.2	Tr.	240	34	
12258	8	46.46	3	14	38	50.98	31	36	....[3]	Tr.	28	1	[3] Decl. changed four rev. north. Micrometer reading apparently only approximate.
	8	49.24	2			51.00			54.7	Mer.	172	123	
	6	46.42	3			51.16			52.3	Mu.	19	35	
12259	8	48.46	3	14	38	55.32	27	3	57.6	Mu.	172	5	
	8	47.34	2			55.47[4]			54.4[5]	Mer.	99	106	[4] One of three threads rejected; R. A.=$54^{s}.56$.
12260	10	46.29	3	14	38	57.77	38	23	53.7	Tr.	8	12	[5] Decl. changed one rev. south
12261	7	49.28	3	14	39	0.10	25	27	18.1	Tr.	235	89	
	3	49.36	2			0.13			16.0	Mu.	254	18	
	5	48.34	5			0.17			18.1	Tr.	163	11	
12262	6	47.34	2	14	39	11...[6]	26	0	57.8[7]	Mer.	98	65	[6] Separate threads give $12^{s}.17$, $11^{s}.30$.
	5.6	47.34	2			11.49			49.8	Mu.	113	114	[7] If micrometer reading be assumed as 41.505 instead of 41.305 rev., as recorded, Decl.= $50''.9$.
	5	48.40	2			11.59[8]			51.9	Mer.	124	51	
	7	49.28	1			11.72			53.8	Tr.	235	90	
12263	7	47.20	1	14	39	13.52	29	47	1.5	Mer.	88	107	[8] R. A. decreased 1 min. and 10 sec. One of three threads rejected; R. A.=$12^{s}.30$.
	9	47.29	1			14.04[9]			0.4	Tr.	110	7	
	8	46.34	2			14.14			2.1	Tr.	17	30	[9] R. A. decreased one thread interval.
	7.8	47.32	2			14.33			6.1	Mer.	97	57	
12264	7	46.38	5	14	39	17.67	35	12	38.0	Mu.	14	24	
12265	9	49.24	1	14	39	18.20	37	14	12.5	Mu.	243	109	
12266	8	49.22	4	14	39	20.58	36	0	5.3	Tr.	226	38	
	7	46.29	5			20.69			8.2	Tr.	12	2	
	7	46.40	3			20.84			5.4	Mu.	16	27	
12267	9	49.38	4	14	39	22.00[10]	30	46	11.8	Mer.	182	31	[10] R. A. increased 1 min. and decreased 10 sec.
	9	47.40	2			22.10			11.3	Tr.	119	40	
12268	8	46.26	2	14	39	27.29	39	47	27.6[11]	Tr.	2	7	[11] Decl. changed one rev. south.
12269	8	49.24	1	14	39	32.80	37	0	11.7	Mu.	243	110	
12270	..	47.20	1	14	39	34.52	29	48	....	Mer.	88	108	
	8	47.44	1			35.54			53.8	Mer.	190	2	
	9	47.29	1			36.12			55.5	Tr.	110	8	
	7.8	47.32	2			36.21			59.0	Mer.	97	58	
	8	46.34	1			36.27			59.0	Tr.	17	31	
12271	8	49.24	1	14	39	42.14	31	59	33.4	Mer.	172	124	
12272	8	48.40	1	14	39	47.63	24	51	49.2	Mu.	165	39	
	6	49.26	3			47.67			52.3	Mer.	175	49	
	6	49.26	2			47.74			50.5	Tr.	231	35	
12273	8	46.38	2	14	39	47.66	34	55	10.5	Mu.	14	25	
12274	9	48.42	2	14	40	4.55	28	55	48.4	Mu.	168	17	
12275	10	49.22	3	14	40	8.13	33	23	25.9	Mu.	241	71	
	9	46.30	2			8.21			26.1	Tr.	15	5	
	8	46.42	3			8.39[12]			24.5	Mu.	20	3	[12] Two threads decreased 10 sec. each.
12276	9	49.26	1	14	40	13.91	24	45	9.8	Mer.	175	50	
12277	10	46.29	2	14	40	30.33	41	13	....	Mer.	6	27	
	7.8	46.46	3			30.36[13]			6.2	Mer.	26	1	[13] One of four threads rejected; R. A.=$29^{s}.38$.
	8.9	46.30	6			30.46			4.3	Mer.	13	45	
12278	8	47.41	3	14	40	32.08	27	27	54.9	Mu.	116	58	
12279	10	51.43	5	14	40	33.01	21	50	41.1	Tr.	263	11	
12280	8.9	46.40	1	14	40	33.92	28	14	15.1[14]	Mer.	23	47	[14] Decl. changed one wire interval north.
	8	47.44	2			33.97			14.0	Mu.	117	12	
12281	10	46.34	1	14	40	35.09	29	47	2.3	Tr.	17	32	
12282	4	49.36	2	14	40	39.14	23	37	23.6	Tr.	240	35	
12283	9	46.29	2	14	40	39.81	37	54	33.0	Mu.	7	9	
12284	7	49.24	3	14	40	44.44	31	47	51.7	Mer.	172	125	
	7	46.46	2			44.52			53.1	Tr.	28	2	
12285	7	49.24	2	14	40	45.67	36	45	58.6	Mu.	243	111	
12286	10	47.40	1	14	40	46.88	30	44	3.4	Tr.	119	41	
	9	49.38	4			46.99			5.5	Mer.	182	32	
12287	9	48.40	1	14	40	54.79	25	25	31.8	Mer.	124	52	
12288	4	52.29	5	14	40	59.53	19	16	28.7	Tr.	274	7	
12289	8	48.42	2	14	41	4.59	28	24	28.1	Mu.	168	18	
	7	46.48	3			4.67			28.6	Mu.	27	3	
	8	48.34	5			4.75			30.0	Mu.	164	63	
	7	47.44	2			4.76			29.8	Mu.	117	13	
	7.8	46.40	4			5.97			30.4	Mer.	23	48	
12290	9	46.38	3	14	41	16.43[15]	42	11	45.5	Mer.	19	15	[15] Two of five threads rejected; R. A.=$15^{s}.63$, $15^{s}.31$.
12291	10	46.38	2	14	41	17.59	34	28	0.0	Tr.	19	18	

NO.	MAG	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
12292	8	46.39	2	14	41	20.73	38	45	59.6	Mu.	15	20	
	11	46.39	7			20.79			....	Tr.	21	3	
12293	5	46.42	5	14	41	29.35	27	19	60.9	Mer.	25	29	
	4	47.38	1			29.53			59.8	Mer.	188	30	
	5	48.46	3			29.56			60.3	Mu.	172	6	
	4	47.41	2			29.67			55.1	Mu.	116	59	
12294	6	49.24	2	14	41	35.25	31	50	4.6	Mer.	172	126	
12295	8	49.36	2	14	41	38.49	23	48	8.6	Tr.	240	36	
12296	9	49.28	1	14	41	42.86	25	53	39.2	Tr.	235	91	
12297	9	46.40	1	14	41	56.00	37	44	50.3	Mu.	17	27	
	9	46.29	2			56.09			50.8	Mu.	7	10	
12298	8	52.40	5	14	42	1.05	20	8	31.9[1]	Mer.	249	21	[1] Decl. changed five rev. south.
12299	10	51.43	5	14	42	1.56	21	43	12.1	Tr.	263	12	
12300	8	46.42	2	14	42	2.57	27	41	58.9	Mer.	25	30	
	7.8	47.41	2			3.06			56.5	Mu.	116	60	
12301	8	49.24	2	14	42	13.00	31	45	46.9	Mer.	172	127	
12302	8	46.28	5	14	42	22.83	44	18	9.3	Mer.	4	9	
	9	46.29	5			22.83			6.3	Mer.	5	30	
12303	8.9	46.30	7	14	42	22.87	40	10	59.3	Mer.	11	86	
12304	9	48.40	2	14	42	28.64	25	26	12.9	Mer.	124	53	
	10	49.36	1			28.70[2]			7.2[3]	Mu.	254	19	[2] R. A. decreased one thread interval.
12305	8	47.34	2	14	42	35.88	27	0	47.4	Mer.	99	107	[3] Decl. changed one rev. north.
	9	48.46	1			36.31			51.8	Mu.	172	7	
12306	8	46.38	3	14	42	40.98	30	15	6.4	Mu.	13	21	
	8	47.44	3			41.28			9.6[4]	Mer.	190	3	[4] Decl. changed two wire intervals south.
	8	47.20	2			41.49			7.3	Mer.	88	109	
12307	9	46.42	3	14	42	44.17	33	51	28.6	Mu.	20	4	
12308	9	46.46	5	14	42	57.38[5]	41	27	12.8	Mer.	26	2	[5] Three threads decreased 10 sec. each.
12309	9	47.34	1	14	43	3.76	26	58	28.8	Mer.	99	108	
	9	48.46	2			4.47			23.6	Mu.	172	8	
12310	9	47.34	1	14	43	6.17[6]	27	0	39.3	Mer.	99	109	[6] Minute assumed.
	9.10	48.46	1			6.28			44.8	Mu.	172	9	
12311	9	49.46	3	14	43	10.64	21	26	36.2	Mu.	256	1	
12312	8	49.36	2	14	43	10.69	23	39	46.6	Tr.	240	37	
12313	10	46.29	3	14	43	16.06	38	19	29.2[7]	Tr.	8	13	[7] Decl. changed one wire interval south.
12314	9	49.24	2	14	43	20.93	31	59	1.3	Mer.	172	128	
12315	7.8	47.34	2	14	43	26.01	26	0	5.9	Mu.	113	115	
	8	49.28	3			26.29			3.5	Tr.	235	92	
	7	47.34	1			26.32			3.1	Mer.	98	66	
	8	48.40	4			26.37			5.4	Mer.	124	54	
	9	48.34	2			26.45			7.4	Tr.	163	12	
12316	7	46.42	4	14	43	27.27	31	23	20.3	Mu.	19	36	
12317	4	49.24	1	14	43	27.53	37	10	53.4	Mu.	243	113	
	5	46.29	7			27.60			....[8]	Tr.	10	2	Decl. changed one rev. south.
12318	9	49.24	1	14	43	33.67	36	42	7.5	Mu.	243	112	
12319	5	46.38	..	14	43	37...	29	57	19.5	Mu.	13	23	
	6	47.44	1			37.66			16.7	Mer.	190	4	
	5	47.29	2			37.85			18.3	Tr.	110	9	
	7	47.20	2			37.96[9]			14.0	Mer.	88	110	[9] One of three threads rejected; R. A.=36^{s}.27.
12320	8	46.40	4	14	43	41.22	37	38	9.7	Mu.	17	28	
	7	46.29	3			41.33[10]			8.0	Mu.	7	11	[10] Two threads decreased 10 sec. each.
12321	9	46.30	2	14	43	41.84	33	0	25.7	Tr.	15	6	
	9	49.22	4			42.22			23.7	Mu.	241	72	
12322	9	47.40	1	14	43	49.98	30	25	18.2	Tr.	119	42	
	8	49.38	6			50.17			19.5	Mer.	182	33	
	8	46.38	2			50.22			19.5	Mu.	13	22	
12323	9	48.40	3	14	43	55.28	24	49	47.3	Mu.	165	40	
	8	49.26	3			55.32			45.9	Tr.	231	36	
	7	49.26	1			55.33			45.4	Mer.	175	51	
12324	8.9	46.40	3	14	43	55.89	28	17	35.4	Mer.	23	49	
	7.8	47.44	4			56.04			33.1	Mu.	117	14	
12325	7.8	49.36	2	14	43	57.99	23	29	48.3	Tr.	240	38	
12326	9	47.34	1	14	44	1.30[11]	26	37	48.4	Mu.	113	116	[11] R. A. decreased two thread intervals.
	8	49.33	3			1.83			44.8	Mer.	180	1	
12327	10	49.36	1	14	44	2.59	25	25	10.0	Mu.	254	20	
12328	8	46.26	2	14	44	14.73	39	7	42.7[12]	Tr.	2	8	[12] Decl. changed one rev. north.
	7	46.39	1			15.08			45.9	Mu.	15	21	
	8	46.26	6			15.10			46.2	Mu.	1	8	
12329	11	49.36	1	14	44	19.19	25	10	55.2	Mu.	254	21	
12330	8	46.42	3	14	44	25.98	31	27	33.2	Mu.	19	37	
12331	9	46.30	1	14	44	37.48	33	4	27.4	Tr.	15	7	
	9	49.22	3			37.54			26.7	Mu.	241	73	
12332	6	51.46	5	14	44	39.42	22	50	....	Tr.	264	4	
12333	8	47.34	2	14	44	39..[13]	26	39	5.4	Mer.	98	67	[13] Separate threads give 39^{s}.04, 39^{s}.84. GZ gives 40^{s}.3.
	9	47.34	1			40.22			3.0	Mer.	99	110	
	8.9	47.34	1			40.28			5.0	Mu.	113	117	
	8	49.33	2			40.58			2.8	Mer.	180	2	
12334	8	46.30	2	14	44	43.66	33	1	27.6	Tr.	15	8	
	9	49.22	3			43.97			27.4	Mu.	241	74	
12335	9	49.46	2	14	44	44.50	20	59	11.6	Mu.	256	2	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
12336	8	47.38	5	14	44	53.72	27	47	16.5	Mer.	188	31	
	8	46.42	2			53.85			20.2	Mer.	25	31	
	6.7	47.44	2			53.98			16.3	Mu.	117	15	
	8	48.34	3			54.04			15.9	Mu.	164	64	
	7	47.41	2			54.14[1]			16.1	Mu.	116	61	[1] One of three threads rejected; R. A.=$53^{s}.38$.
12337	8.9	46.30	6	14	44	58.42	41	25	40.8	Mer.	13	46	
	7.8	46.46	7			58.60			40.7	Mer.	26	3	
12338	8	47.40	1	14	44	59.17	31	0	41.5	Tr.	119	43	
	7	46.42	2			59.18			43.7	Mu.	19	38	
	8	49.38	3			59.23			42.7	Mer.	182	34	
	9	46.38	7			59.32			38.3	Tr.	18	1	
12339	8	46.39	1	14	45	2.23	38	43	45.5	Mu.	15	22	
12340	9	46.29	1	14	45	5.34[2]	37	38	31.0	Mu.	7	12	[2] R. A. decreased 10 sec.
12341	8	46.39	1	14	45	7.22	38	41	29.3	Mu.	15	23	
	9	46.29	2			7.26			33.7	Tr.	8	14	
12342	8.9	47.34	1	14	45	9.24	26	6	49.3	Mu.	113	118	
12343	9	49.46	2	14	45	9.78	21	5	41.9	Mu.	256	3	
12344	9	52.29	5	14	45	10.67	19	21	12.9	Tr.	274	8	
12345	8	46.42	5	14	45	13.96	33	31	29.8	Mu.	20	5	
12346	10	46.38	2	14	45	16.13	34	18	11.5	Tr.	19	19	
12347	9	46.29	4	14	45	17.54	40	44	....	Mer.	6	28	
	7.8	46.30	4			17.85			44.6	Mer.	11	87	
12348	9	49.26	1	14	45	21.44	24	35	33.8	Mer.	175	52	
12349	9	49.36	1	14	45	23.57	24	2	14.0	Tr.	240	39	
12350	9	46.29	1	14	45	24.42[3]	37	37	10.8[4]	Mu	7	13	[3] "Time of transit doubtful."
12351	7	46.42	3	14	45	28.03	27	43	62.5[5]	Mer.	25	32	[4] If micrometer reading be assumed as 29.450 instead of 29.150 rev., as recorded, Decl.= 36′ 51″.9. GZ gives 52″.
	6.7	47.41	3			28.36			54.0	Mu.	116	62	
	8	47.38	2			28.37			54.6	Mer.	188	32	
	6	47.44	2			28.38			53.8	Mu.	117	16	[5] If micrometer reading be assumed as 36.70 instead of 36.40 rev., as recorded, Decl.= 52″.2.
	6.7	48.34	3			28.44			56.2	Mu.	164	65	
12352	5	46.46	4	14	45	29.33	32	41	4.8	Mu.	23	9	
12353	10	49.26	1	14	45	29.49	24	24	37.5	Mer.	175	53	
12354	9.10	46.29	2	14	45	29.83	40	30	....	Mer.	6	29	
	8	46.30	1			30.65			15.6	Mer.	11	88	
12355	8	47.20	2	14	45	30.67	30	14	3.7	Mer.	88	111	
12356	9	46.29	2	14	45	35.01	35	48	50.3	Tr.	12	3	
12357	4	49.36	3	14	45	37.81	24	1	31.6	Tr.	240	40	
12358	10	46.34	1	14	45	43.12	29	14	14.2	Tr.	17	33	
12359	9	47.41	1	14	45	43.49	27	39	30.9	Mu.	116	63	
12360	9	46.28	4	14	45	54.24	44	4	53.1	Mer.	4	10	
	8	46.29	2			54.68[6]			60.6	Mer.	5	31	[6] R. A. decreased one thread interval.
12361	8	49.24	2	14	45	59.96	36	37	7.6	Mu.	243	114	
12362	9	49.28	2	14	46	16.48	25	39	22.9	Tr.	235	93	
	9	48.40	3			16.64			20.8	Mer.	124	55	
	11	49.36	1			16.65			18.4	Mu.	254	22	
12363	10	49.26	1	14	46	17.04	24	36	43.5	Mer.	175	54	
12364	9	47.34	1	14	46	21.59	28	55	15.1	Tr.	116	50	
	9	47.31	1			21.72			13.3	Tr.	113	1	
	8	46.38	5			21.77			10.8	Mer.	17	21	
	8	46.48	2			21.82			15.1	Mu.	27	4	
	9.10	48.42	2			21.90			12.3	Mu.	168	19	
12365	9	47.40	2	14	46	23.91	30	48	18.5	Tr.	119	44	
	8	49.38	3			24.07			18.6	Mer.	182	35	
12366	10	47.40	1	14	46	25.78	30	54	59.7	Tr.	119	45	
12367	9	46.28	1	14	46	27.04	44	17	31.0[7]	Mer.	4	12	[7] Decl. changed one rev. north. Gou gives 21″.
12368	6	46.29	3	14	46	29.94	44	5	34.0[8]	Mer.	5	32	[8] Decl. changed one wire interval north.
	7.8	46.28	5			30.12			26.6	Mer.	4	11	
12369	7	46.30	2	14	46	33.09	33	14	35.5	Tr.	15	9	
	6.7	49.22	4			33.19			32.2	Mu.	241	75	
12370	9	52.29	5	14	46	36.08	19	23	49.9	Tr.	274	9	
12371	9	48.40	4	14	46	41.34	25	0	6.6	Mu.	165	41	
	9	49.26	2			41.64			4.3	Tr.	231	37	
12372	9	49.26	1	14	46	46.67	24	9	2.4	Mer.	175	55	
12373	9.10	46.38	1	14	46	53.43[9]	34	46	30.8	Mu.	14	26	[9] GZ gives $55^{s}.3$.
	9	46.38	2			55.09			29.7	Tr.	19	20	
12374	10	46.39	7	14	46	53.37[10]	39	0	....	Tr.	21	4	[10] One thread decreased 10 sec.
	8	46.39	1			53.70			56.4	Mu.	15	25	
12375	7	49.38	1	14	46	57.59	30	28	32.5	Mer.	182	36	
12376	7	46.39	2	14	47	4.34	38	48	13.5	Mu.	15	24	
12377	8	47.34	2	14	47	6.12	26	30	40.0	Mer.	98	68	
	8.9	47.34	1			6.25			53.5	Mu.	113	119	
12378	9	49.36	2	14	47	7.35	23	40	2.4	Tr.	240	41	
12379	8	46.42	5	14	47	17.60	34	1	9.3	Mu.	20	6	
12380	10	47.44	3	14	47	19.29[11]	30	15	55.9	Mer.	190	5	[11] Two of five threads rejected; R. A.=$20^{s}.03$, $18^{s}.62$.
	7	46.38	3			19.39			54.1	Mu.	13	24	
	7	47.20	3			19.66			66.7[12]	Mer.	88	112	[12] If micrometer reading be assumed as 46.425 instead of 46.125 rev., as recorded, Decl.= 56″.3.
12381	9	47.32	4	14	47	23.00	29	20	52.8	Mer.	97	59	
	8	46.34	3			23.20			56.3	Tr.	17	34	
12382	6	49.24	3	14	47	23.32	32	1	30.1	Mer.	172	129	
	8	46.46	4			23.41[13]			24.8	Tr.	28	3	[13] Minute assumed.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
12383	8	46.38	2	14	47	25.19	34	37	37.2	Tr.	19	21	
12384	8.9	46.38	6	14	47	30.17	41	31	35.6	Mer.	19	16	
	8	46.30	7			30.21			36.5	Mer.	13	47	
	7	46.46	6			30.50			38.2	Mer.	26	4	
12385	9	49.33	3	14	47	32.88	26	52	4.4	Mer.	180	3	
12386	9	52.40	4	14	47	40.16[1]	19	46	40.1	Mer.	249	22	[1] One of five threads rejected; R. A. = $39^{s}.61$.
12387	8.9	46.46	2	14	47	42.87	41	39	52.3	Mer.	26	5	
12388	8	49.26	1	14	47	48.15	24	4	34.0	Mer.	175	56	
12389	8.9	49.46	4	14	47	49.57	21	22	29.0	Mu.	256	4	
12390	8	46.34	1	14	47	49.75	29	25	23.0	Tr.	17	35	
12391	8	49.36	2	14	47	50.77	23	38	47.7	Tr.	240	42	
12392	9	46.38	4	14	47	58.74	28	41	20.9	Mer.	17	22	
	8.9	46.40	3			58.80			24.9	Mer.	23	50	
12393	8	49.28	3	14	48	9.94	25	40	27.6	Tr.	235	94	
	7	48.34	4			9.97			26.6	Tr.	163	13	
	8	48.42	5			9.98			28.5	Mu.	167	1	
	5	49.36	2			10.11			25.8	Mu.	254	23	
	5	48.40	6			10.36			27.6	Mer.	124	56	
12394	8	47.34	1	14	48	10.15	26	11	25.0	Mu.	113	120	
	9	48.43	2			10.54			29.3	Mu.	169	1	
12395	7	46.46	2	14	48	11. . .[2]	32	13	25.6	Mu.	23	10	[2] Separate threads give $11^{s}.57$, $13^{s}.13$. Gou gives $11^{s}.8$
	8	49.24	2			11.75			23.9	Mer.	172	130	
	9	46.46	3			11.93			24.7	Tr.	28	4	
12396	7.8	46.38	2	14	48	16.01	34	46	31.5	Tr.	19	22	
	7.8	46.38	4			16.14			29.3	Mu.	14	27	
12397	5	47.44	4	14	48	17.22	28	32	50.7	Mu.	117	17	
	8	48.42	5			17.24			49.9	Mu.	168	20	
	5.6	47.34	3			17.25			52.0	Tr.	116	51	
	7.8	46.40	3			17.35			49.6	Mer.	23	51	
	6	46.48	4			17.38			51.2	Mu.	27	5	
	7	47.38	2			17.38			50.7	Tr.	118	22	
	7	47.31	4			17.42			50.7	Tr.	113	2	
	7	48.34	5			17.65			49.6	Mu.	164	66	
12398	9	52.40	5	14	48	17.56	19	52	41.6	Mer.	249	23	
12399	9	46.42	1	14	48	23.58[3]	33	49	5.0	Mu.	20	7	[3] R. A. decreased one thread interval. GZ gives $24^{s}.8$.
12400	8	51.43	5	14	48	23.99	22	6	27.6	Tr.	263	13	
12401	9	46.28	1	14	48	24.91[4]	44	30	20.3[5]	Mer.	4	13	[4] R. A. decreased one thread interval.
12402	8	47.34	1	14	48	31.37	26	42	39.7	Mer.	99	111	[5] Decl. changed one rev. south.
	9	49.33	1			31.48			43.0	Mer.	180	4	
12403	8	49.24	3	14	48	32.38[6]	32	13	20.1	Mer.	172	131	[6] Minute assumed.
	7	46.46	2			32.61			18.9	Mu.	23	11	
12404	8	47.41	2	14	48	35.39	27	26	49.4	Mu.	116	64	
	10	47.38	2			36.13[7]			60.2[8]	Mer.	188	33	[7] R. A. increased one thread interval.
12405	6	52.38	5	14	48	43.06	20	44	6.9	Tr.	277	1	[8] Decl. changed two wire intervals north. If micrometer reading be assumed as 42.44 instead of 42.14 rev., as recorded, Decl. = 49″.8.
12406	9	46.40	1	14	48	43.23	36	49	. . . .	Tr.	22	1[9]	
12407	7.8	48.40	5	14	48	46.16	24	49	63.0	Mu.	165	42	
	8.7	49.26	3			46.25			57.6	Tr.	231	38	
	6	49.26	2			46.41			62.1	Mer.	175	57	[9] Unidentified. Looked for with equatorial but not found. This may be Gou 20269, if R. A. be increased one thread interval, R. A. = $59^{s}.25$, and Decl. be changed one wire interval north and one rev. south.
12408	7.8	49.33	2	14	48	50.25	21	32	29.9	Mu.	253	1	
	8	49.46	4			50.29			29.7	Mu.	256	5	
12409	9	47.34	1	14	48	51.75	26	25	2.6	Mu.	113	121	
12410	10	46.29	2	14	48	54.15	35	27	26.4	Tr.	12	4	
12411	7	46.26	4	14	49	2.48	39	17	52.2	Mu.	1	9	
	7	46.26	3			2.52			49.6	Tr.	2	9	
12412	9	52.29	4	14	49	2.70[10]	19	31	24.5	Tr.	274	10	[10] One of five threads rejected; R. A. = $2^{s}.03$.
12413	9	46.29	3	14	49	3.56	38	19	52.8	Tr.	8	15	
12414	8	46.42	3	14	49	4.91	31	10	0.6	Mu.	19	39	
12415	9	49.38	3	14	49	7.21	30	52	33.9	Mer.	182	37	
	9	47.40	1			7.53			29.3	Tr.	119	46	
12416	10	48.34	2	14	49	13.05	22	54	20.0	Mer.	123	1	
12417	11	46.30	2	14	49	14.71	33	4	25.8	Tr.	15	10	
12418	8	49.33	1	14	49	20.29	26	38	71.6	Mer.	180	5	
	. .	47.34	1			20.29			56.2[11]	Mer.	99	112	[11] Decl. changed ten rev. north.
	9.10	48.46	3			20.53			71.5	Mu.	172	10	
12419	9	46.40	1	14	49	22.98[12]	37	42	29.4[13]	Mu.	17	29	[12] GZ gives $24^{s}.3$.
	9	46.29	3			24.59			48.5	Mu.	7	14	[13] If micrometer reading be assumed as 23.251 instead of 23.551 rev., as recorded, Decl. = 48″.3.
12420	9	47.38	1	14	49	25.18	27	51	0.9	Mer.	188	34	
12421	5.6	46.46	7	14	49	25.36	41	29	54.0	Mer.	26	6	
	5.6	46.30	6			25.41			53.7	Mer.	13	48	
	3.4	46.38	7			25.50			50.2	Mer.	19	17	
12422	9	48.46	3	14	49	28.86	26	43	16.4	Mu.	172	11	
	7	49.33	1			29.07[14]			17.2	Mer.	180	6	[14] Minute assumed.
12423	9	48.34	3	14	49	35.90	28	5	58.6	Mu.	164	67	
	7	47.44	3			36.17			58.0	Mu.	117	18	
	8	47.38	2			36.27			57.9	Tr.	118	23	
12424	10	46.38	2	14	49	40.97	34	13	5.3	Tr.	19	23	
12425	7	46.29	1	14	49	46.64	37	16	31.8	Mu.	7	15	
	7	46.40	2			46.70			31.5	Mu.	17	30	
	7	46.29	4			46.93			. . . .	Tr.	10	3	
12426	6	49.33	1	14	49	47.21	27	3	2.0	Mer.	180	7	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
12427	9.10	48.46	1	14	49	57.94	26	47	41.0	Mu.	172	12	
12428	7.8	49.33	2	14	50	4. . .[1]	21	47	40.2	Mu.	253	2	[1] Separate threads give $4^{s}.15$, $5^{s}.28$.
	6	51.43	5			4.65			38.9	Tr.	263	14	
12429	. .	46.40	1	14	50	18.90	36	17	. . . .	Mu.	16	28	
12430	4	46.38	4	14	50	26.95	30	6	24.5	Mu.	13	25	
	7	47.31	5			27.26[2]			23.0	Mer.	96	1	[2] One of six threads rejected; R. A.$=26^{s}.53$.
	8	47.44	4			27.27[3]			21.7	Mer.	190	6	[3] R. A. increased 1 min.
	8	47.20	5			27.35			23.4	Mer.	88	113	
12431	9	46.26	2	14	50	29.15	39	11	42.2[4]	Tr.	2	10	[4] Decl. changed one rev. north.
	8	46.26	2			29.38			43.4	Mu.	1	10	
	9	46.39	4			29.42			. . . .	Tr.	21	5	
	9	46.39	4			29.76			39.9	Mu.	15	26	
12432	9	52.29	5	14	50	39.19	19	19	41.1	Tr.	274	11	
12433	7.8	46.38	3	14	50	39.24	35	25	34.1	Mu.	14	28	
	8	46.29	2			39.37			37.9	Tr.	12	5	
12434	9	49.24	4	14	50	42.69	32	2	35.6	Mer.	172	132	
12435	11	46.30	1	14	50	44.21[5]	33	9	20.8	Tr.	15	11	[5] R. A. decreased 1 min.
12436	9.10	46.34	2	14	50	45.32	29	48	55.4[6]	Tr.	17	36	[6] Decl. changed two rev. south.
12437	10	48.34	2	14	50	47.91	22	40	50.6	Mer.	123	2	
12438	8	46.46	3	14	50	51.37[7]	32	13	50.1	Mu.	23	12	[7] R. A. increased 1 min.
	8	49.24	3			51.40			52.1	Mer.	172	133	
	10	46.46	2			51.52			56.2	Tr.	28	5	
12439	9	46.34	1	14	50	51.91	29	45	21.7	Tr.	17	37	
	9	47.32	3			52.10			24.4	Mer.	97	60	
12440	9.8	49.36	2	14	51	4.18	25	10	35.3	Mu.	254	24	
12441	8	49.38	3	14	51	10.24	30	36	12.2[8]	Mer.	182	38	[8] Decl. changed two wire intervals north.
	10	46.38	3			10.36[9]			29.5[10]	Tr.	18	2	[9] R. A. decreased one thread interval.
	9	47.40	1			10.43			10.9	Tr.	119	47	[10] Decl. changed one wire interval south. If in addition the micrometer reading be assumed as 3.40 instead of 4.20 rev., as recorded, Decl.$=9''.4$. AW gives $9''$. GZ gives $13''$.
12442	10	46.38	1	14	51	16.64	34	27	4.9	Tr.	19	24	
12443	8.9	49.46	5	14	51	19.66	21	23	23.8	Mu.	256	6	
12444	8.9	46.46	4	14	51	21.44[11]	41	41	15.0[12]	Mer.	26	7	
	9	46.30	3			21.57			16.0	Mer.	13	49	[11] First two threads increased 10 sec. each. If instead last two threads are decreased 10 sec. each and Decl. changed five rev. north, R. A.$=11^{s}.44$, Decl.$=38'\ 21''.2$, agreeing with GZ 3357.
12445	10	52.29	5	14	51	29.64	19	32	33.3	Tr.	274	12	
12446	9	49.36	1	14	51	31.45	23	44	56.6	Tr.	240	43	
12447	9	46.38	1	14	51	32.84	35	13	39.9	Mu.	14	29	
12448	7.8	46.29	3	14	51	43.55	37	27	29.0	Mu.	7	16	
	7	46.40	5			43.61			25.5	Mu.	17	31	[12] Micrometer rev. assumed.
12449	9	46.30	3	14	51	50.43	33	14	20.3	Tr.	15	12	
12450	7.8	49.33	3	14	51	51.08	22	14	58.7	Mu.	253	3	
12451	10	46.29	2	14	51	51. . .[13]	41	13	. . . .	Mer.	6	30	[13] R. A. decreased one thread interval. Separate threads give $51^{s}.70$, $50^{s}.26$.
	10	46.30	3			51.39[14]			25.8	Mer.	13	50	
	9	46.46	3			51.51[15]			25.9	Mer.	26	8	[14] One thread increased 10 sec.
12452	10	46.30	1	14	52	3.93[16]	41	13	8.3[17]	Mer.	13	51	[15] R. A. decreased one thread interval. One of four threads rejected; R. A.$=50^{s}.78$.
	9	46.46	3			3.98[18]			8.2	Mer.	26	9	
	10	46.29	2			4.09			. . . .	Mer.	6	31	[16] R. A. increased 10 sec.
12453	8	46.38	7	14	52	9.86	29	1	46.8	Mer.	17	23	[17] Micrometer rev. assumed.
12454	10	48.34	3	14	52	20.94	22	34	55.6	Mer.	123	3	[18] Three threads decreased one thread interval each. One of four threads rejected; R. A.$=5^{s}.20$.
	6	51.46	5			20.96			51.2	Tr.	264	5	
12455	8	49.26	4	14	52	23.70	24	32	56.5	Mer.	175	58	
12456	10	49.36	1	14	52	34.02	23	48	19.7	Tr.	240	44	
12457	9	46.30	2	14	52	37.37	41	5	34.6	Mer.	13	52	
	9	46.29	2			37.44			. . . .	Mer.	6	32	
12458	6.7	46.42	5	14	52	42.91	33	45	37.7	Mu.	20	8	
12459	8	47.40	1	14	52	43.08[19]	30	56	39.1	Tr.	119	48	[19] R. A. increased four thread intervals.
	7	49.38	3			43.11[20]			40.3	Mer.	182	39	[20] R. A. increased one thread interval.
	5	46.42	2			43.15			38.4	Mu.	19	40	
12460	9.8	49.33	2	14	52	50.24	21	38	4.1	Mu.	253	4	
12461	9	52.38	5	14	52	56.31	20	30	33.9	Tr.	277	2	
12462	8	49.26	1	14	52	56.44	24	28	14.1	Mer.	175	59	
12463	9	48.42	4	14	52	57.89	25	35	60.5	Mu.	167	2	
	8	49.28	3			57.94			58.9	Tr.	235	95	
	7	49.36	2			57.98[21]			58.2	Mu.	254	25	[21] One of three threads rejected; R. A.$=57^{s}.19$.
	8	48.40	4			58.13[22]			59.0	Mer.	124	57	[22] R. A. increased 1 min.
12464	9.10	48.46	2	14	53	3.15	27	7	51.4	Mu.	172	13	
	9	49.33	3			3.41			53.5	Mer.	180	8	
12465	9	47.41	2	14	53	7.93[23]	27	32	36.0	Mu.	116	65	[23] Separate threads give $8^{s}.29$, $7^{s}.56$.
12466	7	49.38	3	14	53	8.77	30	59	41.0	Mer.	182	40	
	8	47.40	1			8.78			38.9	Tr.	119	49	
	8	46.42	2			9.02			38.4	Mu.	19	41	
12467	9	52.38	5	14	53	9.28	20	38	14.1	Tr.	277	3	
12468	6.7	47.41	3	14	53	11.00	27	27	44.3	Mu.	116	66	
12469	10	49.33	1	14	53	13.40	22	6	2.3	Mu.	253	5[24]	[24] Unidentified. Looked for with equatorial but not found.
12470	11	46.30	2	14	53	22.84	33	14	19.0	Tr.	15	13	
12471	9.10	48.42	1	14	53	26.71	25	15	36.8	Mu.	167	3	
	8	49.28	1			26.94			41.5	Tr.	235	96	
	9	49.26	1			27.21			35.5	Tr.	231	39	
12472	9.10	52.40	4	14	53	29.39[25]	19	51	34.8	Mer.	249	24	[25] One of five threads rejected; R. A.$=28^{s}.45$.
12473	10	52.29	5	14	53	36.59	19	40	37.4	Tr.	274	13	
12474	9	46.29	2	14	53	37.22	40	40	. . . .	Mer.	6	33	
	8	46.30	2			37.63			39.3	Mer.	11	89	
12475	10	49.46	2	14	53	41.50	21	18	21.0	Mu.	256	7	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
12476	8	47.44	3	14	53	43.41	28	24	33.3	Mu.	117	19	
	8.9	46.40	2			43.43			32.9	Mer.	23	52	
12477	3.4	49.24	7	14	53	49.46	32	2	50.3	Mer.	172	134	
	8	46.46	4			49.47			46.4	Tr.	28	6	
12478	8	49.46	3	14	53	53.09	21	25	7.9	Mu.	256	8	
12479	8	49.26	2	14	53	56.81	24	29	37.6	Mer.	175	60	
12480	9.10	46.42	2	14	54	3.08	34	7	3.1	Mu.	20	9	
12481	10	46.38	3	14	54	3.28	34	17	31.6	Tr.	19	25	
12482	9	49.36	1	14	54	8.77	23	24	27.2[1]	Tr.	240	45	[1] Decl. changed one rev. south.
12483	10	51.46	4	14	54	9.91[2]	22	31	13.6[3]	Tr.	264	6	[2] One of five threads rejected; R. A.=$9^s.32$.
	10	48.34	2			10.67			10.7	Mer.	123	4	[3] One transit thread rejected; Decl.=4″.5.
12484	9	49.46	1	14	54	10.27	21	14	8.3	Mu.	256	9	
12485	7	46.38	4	14	54	12.54	35	20	59.8	Mu.	14	30	
12486	8	52.38	5	14	54	13.67	20	49	52.6	Tr.	277	5	
12487	9	46.40	2	14	54	17. . .[4]	37	43	30.8	Mu.	17	32	[4] Separate threads give $17^s.64$, $16^s.79$. Gou gives $17^s.5$.
12488	9	52.38	5	14	54	18.30	20	48	47.0	Tr.	277	4	
12489	7	47.40	1	14	54	26.09	30	46	55.4	Tr.	119	50	
	7	49.38	3			26.16			54.5	Mer.	182	41	
	9	46.38	6			26.24			54.2	Tr.	18	3	
	8	47.48	7			26.62			55.7	Mer.	192	1	
12490	8	47.44	2	14	54	28.18[5]	28	27	16.4	Mu.	117	20	[5] R. A. decreased one thread interval.
	8.9	46.40	2			28.31			15.7	Mer.	23	53	
12491	10	49.36	1	14	54	33.96	25	11	55.1	Mu.	254	26	
12492	9	47.32	1	14	54	37.56	29	15	9.8[6]	Mer.	97	61	[6] If micrometer reading be assumed as 35.142 instead of 35.542 rev., as recorded, Decl.=23″.5.
	8	46.48	3			38.43			25.2	Tr.	32	1	
	9	46.34	2			38.44			20.7	Tr.	17	38	
	8	46.38	7			38.46			21.7	Mer.	17	24	
12493	9	48.46	3	14	54	39.46[7]	27	14	41.1	Mu.	172	14	[7] One of four threads rejected; discordant and not used on second component.
12494	. .	49.33	. .	14	54	39. . .	27	14	36.0	Mer.	180	9[8]	
	9	48.46	3			39.80			35.3	Mu.	172	15	[8] "Double." Component not stated.
12495	8	47.44	6	14	54	44.76	29	52	50.3	Mer.	190	7	
	7	46.38	4			44.76[9]			50.0	Mu.	13	26	[9] R. A. increased 1 min.
	6	47.29	2			44.85			49.6	Tr.	110	10	
	8	47.20	3			44.98[10]			54.3	Mer.	88	114	[10] R. A. decreased 1 min.
12496	. .	46.30	. .	14	55	2. . .	40	16	1.4	Mer.	11	90	
12497	11	46.29	3	14	55	2.75	35	41	36.3	Tr.	12	6	
12498	7	46.42	3	14	55	3.24	31	20	37.6	Mu.	19	42	
12499	7.8	47.41	3	14	55	6.26	27	28	9.8	Mu.	116	67	
12500	9	49.33	1	14	55	11.99	21	55	39.4	Mu.	253	6	
	9	51.43	5			12.10			36.2	Tr.	263	15	
12501	2.3	49.26	3	14	55	17.80	24	41	23.5	Tr.	231	40	
	3	49.26	5			17.94[11]			18.6	Mer.	175	61	[11] One thread decreased 10 sec.
	2	48.40	6			18.16			20.4	Mu.	165	43	
12502	9	46.26	2	14	55	24.07	39	23	39.4[12]	Tr.	2	11	[12] Decl. changed eleven rev. north.
	8	46.26	5			24.15			35.0	Mu.	1	11	
12503	9	46.38	2	14	55	26. . .[13]	35	20	8.1	Mu.	14	31	[13] Separate threads give $25^s.04$, $26^s.30$. GZ gives $27^s.0$.
12504	9	46.34	1	14	55	26.32	29	22	20.2	Tr.	17	39	
	9	47.32	1			26.54			17.1	Mer.	97	62	
12505	11	46.30	2	14	55	28.56	33	1	17.2	Tr.	15	14	
12506	9	46.29	5	14	55	29.44[14]	37	5	. . . .[15]	Tr.	10	4	[14] Two threads increased one thread interval each.
12507	. .	46.30	2	14	55	35.67	40	28	34.5	Mer.	11	91	
	7.8	46.29	2			35.85[16]			. . . .	Mer.	6	34	[15] Decl. changed one wire interval and two rev. south.
12508	8	47.38	2	14	55	36.09	27	42	27.5	Mer.	188	35	
	7	47.41	2			36.35[17]			26.8	Mu.	116	68	[16] One of three threads rejected; R. A.=$34^s.86$.
12509	9	49.36	1	14	55	38.88	23	33	12.4	Tr.	240	46	[17] One thread increased 5 sec.
	8	49.33	4			39.00			11.9	Tr.	239	1	
12510	9	49.38	2	14	55	46.34[18]	30	41	20.1	Mer.	182	42	[18] R. A. increased 5 min.
	9	47.40	2			46.39			18.0	Tr.	119	51	
	9	47.48	2			46.86			16.3	Mer.	192	2	
12511	9	48.43	3	14	55	47.21	26	28	46.4	Mu.	169	2	
	8	47.34	2			47.29			40.7	Mu.	113	122	
12512	9	47.44	1	14	55	49.16	28	25	31.6	Mu.	117	21	
12513	8.9	46.28	4	14	55	57.66	44	24	52.3	Mer.	4	14	
12514	7	46.48	2	14	56	16.24	29	23	70.7	Tr.	32	2	
	7	46.34	2			16.29			63.6	Tr.	17	40	
	7	47.32	2			16.47			52.6[19]	Mer.	97	63	[19] If micrometer reading be assumed as 35.142 instead of 35.542 rev., as recorded, Decl.=66″.4.
12515	9.10	49.46	2	14	56	17.00	21	37	57.2	Mu	256	10	
	10	49.33	1			17.57			56.8	Mu.	253	7	
12516	7	47.20	3	14	56	29.57[20]	29	57	63.4	Mer.	88	115	[20] R. A. increased one thread interval.
	5	47.29	3			29.76			59.2	Tr.	110	11	
	8	47.44	5			29.89			59.3[21]	Mer.	190	8	[21] Decl. changed one rev. south.
	6	46.38	4			29.98			58.9	Mu.	13	27	
12517	8.9	48.43	1	14	56	30.92	26	15	42.0	Mu.	169	3	
	7.8	47.34	2			31.35			42.2	Mu.	113	123	
12518	10	51.43	5	14	56	33.96	21	52	31.8	Tr.	263	16	
12519	9.10	48.34	3	14	56	36.78	22	25	31.0[22]	Mer.	123	5	[22] Decl. changed two wire intervals north.
12520	8.9	47.44	1	14	56	42.37	28	7	39.6	Mu.	117	22	
	8	46.40	2			42.56[23]			46.5	Mer.	23	54	[23] One of three threads rejected; R. A.=$43^s.57$.
12521	8	52.38	4	14	56	46.58	19	0	57.6	Mer.	248	1	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
12522	10	46.30	6	14	56	47.92	41	27	28.6	Mer.	13	53	
	8.9	46.46	7			47.92			22.3	Mer.	26	10	
12523	7	46.29	4	14	56	49.78	35	40	40.1	Tr.	12	7	
12524	8	48.40	2	14	56	50.54	25	47	23.8	Mer.	124	58	
12525	9.10	48.42	3	14	56	54.70	25	39	29.2	Mu.	167	4	
	8	48.40	2			55.60			27.2	Mer.	124	59	
	8	49.28	2			55.80			23.5	Tr.	235	97	
12526	9	46.38	2	14	56	56.98	34	49	7.4	Tr.	19	26	
12527	8	48.40	3	14	56	58.46	25	12	6.2 [1]	Mu.	165	44	[1] Decl. changed one rev. south.
	8	49.26	2			58.87			5.9	Tr.	231	41	
	5.4	49.36	1			59.16			6.4	Mu.	254	27	
12528	10	48.34	2	14	57	6.95	22	22	59.5 [2]	Mer.	123	6	[2] Decl. changed two wire intervals north.
12529	8	47.29	2	14	57	7.33	29	49	58.2	Tr.	110	12	
	8	46.38	2			7.78 [3]			57.5	Mu.	13	28	[3] One of three threads rejected; R. A. $=6^s.69$.
12530	9	47.41	1	14	57	10.41	27	41	52.8	Mu.	116	69	
	9	47.38	2			10.71			57.7	Mer.	188	36	
12531	9	52.40	5	14	57	15.22	19	49	40.2	Mer.	249	25	
12532	10	49.24	3	14	57	21.06	32	1	51.7	Mer.	172	135	
	12	46.46	2			21.74			47.5	Tr.	28	7	
12533	6	51.43	5	14	57	24.11	21	49	28.6 [4]	Tr.	263	17	[4] If transits as recorded be assumed as 2 sec. too large, Decl. $=0''.8$. No chronograph tape found.
	7	49.33	1			24.25			3.2	Mu.	253	8	
12534	7	49.36	3	14	57	26.43	23	32	31.0	Tr.	240	47	
	7	49.33	3			26.60			32.5 [5]	Tr.	239	2	[5] Decl. changed two rev. south.
12535	7	47.48	3	14	57	27.61	30	19	55.0	Mer.	192	3	
	5	49.38	4			27.65 [6]			55.2	Mer.	182	43	[6] R. A. increased 5 min.
	6	47.40	1			27.82			53.4	Tr.	119	52	
	4	46.38	1			27.95			55.0	Mu.	13	29	
	6	47.20	4			28.11			56.0	Mer.	88	116	
12536	9	48.42	2	14	57	30. . . [7]	25	31	14.4	Mu.	167	5	[7] Separate threads give $30^s.45$, $31^s.33$.
	7	48.40	2			31.01 [8]			13.6	Mer.	124	60	[8] One thread decreased one thread interval. Separate threads give $30^s.65$, $31^s.36$.
	7	49.36	1			31.21			13.8	Mu.	254	29	
	7.8	49.28	2			31.48			14.0	Tr.	235	98	
12537	8.9	46.40	4	14	57	34.44	37	21	36.3	Mu.	17	33	
	8	46.46	5			34.81			36.4	Mu.	24	1	
	7.8	46.29	5			34.83			36.6	Mu.	7	17	
12538	9	49.24	2	14	57	36.87 [9]	31	51	57.2 [10]	Mer.	172	136	[9] One thread decreased 10 sec. [10] Decl. changed one wire interval south.
	10	46.46	3			37.09			61.8	Tr.	28	8	
12539	9	49.36	1	14	57	36.86	25	26	9.5 [11]	Mu.	254	28	[11] Decl. changed two rev. north.
	9.10	48.42	1			37.97			6.1	Mu.	167	6	
	9	48.40	1			39.33			7.5	Mer.	124	61	
12540	9	49.46	2	14	57	48.32	21	16	7.8	Mu.	256	11	
12541	7.8	49.46	3	14	57	48.58	21	26	39.6	Mu.	256	12	
12542	8	46.42	2	14	57	51.15 [12]	31	3	29.7	Mu.	19	43	[12] One of three threads rejected; R. A. $=50^s.22$.
12543	9	49.33	7	14	57	52.66	27	5	28.3	Mer.	180	10	
12544	11	46.30	3	14	57	54.93	33	23	41.7	Tr.	15	15	
12545	7	47.34	2	14	57	58.49	26	14	23.8	Mu.	113	124	
	8	48.43	2			58.87 [13]			24.3	Mu.	169	4	[13] One of three threads rejected; R. A. $=57^s.99$.
12546	7	46.46	4	14	58	1.10	32	19	32.6	Mu.	23	13	
	6.7	49.24	1			1.19			32.6	Mer.	172	137	
12547	9	47.38	1	14	58	6.88	27	32	24.0	Mer.	188	37	
12548	7.8	47.44	2	14	58	7.89	28	14	17.8	Mu.	117	23	
	9	48.34	2			7.93 [14]			17.1	Mu.	164	68	[14] One of three threads rejected; R. A. $=8^s.67$.
	9	47.38	1			8.03			16.9	Tr.	118	24	
	8	46.40	2			8.06			19.1	Mer.	23	55	
12549	8	52.38	5	14	58	12.88	19	36	59.6	Mer.	248	2	
12550	7.8	46.38	6	14	58	14.03 [15]	28	55	7.5 [16]	Mer.	17	25	[15] One of seven threads rejected; R. A. $=14^s.76$. [16] Decl. changed one rev. north.
	9	47.31	1			14.12			11.3	Tr.	113	3	
	7	46.48	4			14.13			10.5	Mu.	27	6	
12551	9	48.46	5	14	58	14.07	26	53	35.4	Mu.	172	16	
	7	49.33	1			14.18			32.2	Mer.	180	11	
12552	8.9	46.46	1	14	58	15.12	41	36	31.8	Mer.	26	11	
	10	46.30	3			15.61			29.6	Mer.	13	54	
12553	. .	46.30	1	14	58	26.21	40	15	. . . .	Mer.	11	92	
12554	3.4	46.30	1	14	58	29.50	39	59	57.5	Mer.	11	93	
12555	7.8	49.36	2	14	58	31.82	23	36	41.5	Tr.	240	48	
	7	49.33	3			31.87			40.8	Tr.	239	3	
12556	9	46.28	3	14	58	41.61	43	54	17.7 [17]	Mer.	4	15	[17] Decl. changed one rev. south. GZ gives $7''$.
12557	8.9	46.40	1	14	58	41.68	28	18	18.2	Mer.	23	56	
	9	48.34	3			42.01			15.0	Mu.	164	69	
	8	47.44	1			42.24 [18]			14.0	Mu.	117	24	[18] R. A. increased one thread interval.
12558	10	52.29	4	14	58	44.44 [19]	19	38	12.6	Tr.	274	14	[19] One of five threads rejected; R. A. $=44^s.96$.
	7	52.38	5			44.72			22.4	Mer.	248	3	
12559	3	46.29	7	14	58	46.08	44	41	53.8	Mer.	5	33	
12560	9	49.36	1	14	58	48.22	25	26	56.4	Mu.	254	30	
	9	49.28	1			49.14			55.9	Tr.	235	99	
12561	8.9	52.40	5	14	58	50.41 [20]	20	7	8.6	Mer.	249	26	[20] Separate threads give $51^s.04$, $51^s.13$, $50^s.23$, $49^s.75$, $49^s.90$. If R. A. be increased one set of transit threads, the separate threads give $20^s.18$, $20^s.49$, $20^s.04$, $20^s.08$, $20^s.12$, but the star is unidentified.
12562	11	46.29	2	14	58	51.33	38	31	46.9	Tr.	8	16	
12563	11	46.26	1	14	59	0.55	39	42	13.8	Tr.	2	12	
12564	9	49.26	1	14	59	3.39	24	39	22.9	Tr.	231	42	
	8	49.26	5			3.94			19.7	Mer.	175	62	
	9	48.40	4			3.94			20.1	Mu.	165	45	
12565	9	52.38	5	14	59	3.75	20	47	49.5	Tr.	277	6	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
12566	8	46.48	2	14	59	5.41	28	37	14.0	Mu.	27	7	
12567	10	46.29	1	14	59	6.14 [1]	41	10	....	Mer.	6	35	[1] R. A. increased 10 sec.
	8	46.46	5			6.36			58.7 [2]	Mer.	26	12	[2] Decl. changed ten rev. north.
	9	46.39	5			6.81			61.7	Mer.	21	1	
12568	9	49.33	2	14	59	7.24	22	6	59.5	Mu.	253	9	
12569	9	46.29	5	14	59	10.93	37	0	....	Tr.	10	5	
12570	8.9	46.46	5	14	59	28.29	37	57	....	Mu.	24	2	
12571	7	47.34	3	14	59	30.27	26	8	3.9	Mu.	113	125	
	8	48.43	3			30.30			1.9	Mu.	169	5	
12572	11	46.29	3	14	59	33.75	35	51	10.0	Tr.	12	8	
12573	9	47.31	2	14	59	41.67	28	47	6.3	Tr.	113	4	
	7.8	46.38	6			41.76			1.9	Mer.	17	26	
	7.8	46.40	2			41.77			6.0 [3]	Mer.	23	57	[3] Decl. changed one wire interval north and five rev. south.
	7	46.48	1			41.91			6.5	Mu.	27	8	
12574	7	49.33	1	14	59	42.66	21	30	58.6	Mu.	253	10	
	8	49.46	4			42.84			58.3	Mu.	256	13	
12575	9	47.44	2	15	0	0.32	30	6	4.0	Mer.	190	9	
	7	46.38	4			0.48			5.1	Mu.	13	30	
	9	47.29	2			0.51			6.2	Tr.	110	13	
	..	47.20	4			0.53			6.0	Mer.	88	117	
12576	8	46.46	1	15	0	1.38	32	15	24.2	Mu.	23	14	
	11	46.46	2			1.85			23.6	Tr.	28	9	
12577	8	48.34	2	15	0	5.16 [4]	25	55	5.9	Tr.	163	14	[4] One of three threads rejected; R. A.=$5^{s}.96$.
	7	48.43	2			5.45			6.8	Mu.	169	6	
	7	49.28	3			5.52			6.7 [5]	Tr.	235	100	[5] Decl. changed one wire interval north.
	8	48.42	5			5.66			7.0	Mu.	167	7	
	4	48.40	1			6.34			6.4	Mer.	124	62	
12578	8	47.38	4	15	0	6. .. [6]	27	46	60.0	Mer.	188	38	[6] First two threads give R. A.=$6^{s}.78$; the last two give R. A.=$5^{s}.49$.
	8	46.42	4			6.00			62.9	Mer.	25	33	
	7	47.44	2			6.09			59.4	Mu.	117	25	
	7	47.41	5			6.35			60.4	Mu.	116	70	
	9	48.34	2			6.39 [7]			61.2	Mu.	164	70	[7] One of three threads rejected; R. A.=$7^{s}.20$.
12579	8	51.46	5	15	0	11.26	22	29	14.5	Tr.	264	7	
	9.10	48.34	3			11.50			15.5	Mer.	123	7	
12580	8	49.26	4	15	0	12.36	24	28	32.8	Mer.	175	63	
12581	8.9	52.40	5	15	0	12.55	20	6	50.9	Mer.	249	27	
12582	10	46.29	3	15	0	14.08	40	36	....	Mer.	6	36	
	8	46.30	1			14.45			2.9	Mer.	11	94	
12583	7.8	46.38	5	15	0	16.94	35	17	16.8	Mu.	14	32	
12584	8	51.43	5	15	0	17.19	21	48	49.0	Tr.	263	18	
12585	8	49.33	1	15	0	17.20 [8]	21	38	10.8	Mu.	253	11	[8] If time of transit be assumed as $5^{s}.4$ instead of 54^{s}, as recorded, and R. A. be increased 1 min., R. A.=$28^{s}.60$. Ya gives $28^{s}.5$. AW gives $28^{s}.4$.
12586	9.10	49.46	2	15	0	24.48	21	8	49.6	Mu.	256	14	
12587	9	52.38	5	15	0	27.00	19	49	20.6	Mer.	248	4	
12588	9.10	46.46	3	15	0	30.55	33	48	17.6	Mu.	22	1	
12589	9	49.26	1	15	0	31.26	25	6	11.2	Tr.	231	43	
12590	6	46.29	3	15	0	31.30	38	12	53.1	Tr.	8	17	
12591	7	46.42	3	15	0	35.12	31	34	10.8	Mu.	19	44	
12592	9.10	46.46	2	15	0	36.10	33	35	52.8	Mu.	22	2	
12593	8	49.26	1	15	0	41.57	24	4	58.2	Mer.	175	64	
	9.10	49.33	2			41.61			56.6	Tr.	239	4	
12594	11	46.34	1	15	0	48.36	29	15	41.0	Tr.	17	41	
	9	46.38	2			48.54			36.8 [9]	Mer.	17	27	[9] Decl. changed one rev. north.
	9	46.34	2			48.67			42.2 [10]	Mer.	15	79	[10] Decl. changed one wire interval south.
12595	8	49.36	1	15	0	53.05	25	32	20.1	Mu.	254	31	
12596	9	46.40	2	15	1	1.76	37	26	6.8	Mu.	17	34	
	9	46.29	2			2.58 [11]			5.9	Mu.	7	18	[11] One of three threads rejected; R. A.=$1^{s}.72$. GZ gives $1^{s}.7$.
12597	7.8	48.48	5	15	1	6.85	23	24	31.7	Mu.	175	1	
	8	48.47	5			7.03			30.9	Mu.	174	1	
12598	9	49.46	2	15	1	7.43 [12]	21	9	51.1	Mu.	256	15	[12] Separate threads give $7^{s}.04$, $7^{s}.82$. CiZ gives $8^{s}.0$.
12599	11	46.38	4	15	1	8.67	30	44	48.5 [13]	Tr.	18	4	[13] Micrometer reading 11 rev. assumed as 11.0 rev.
	10	49.38	1			8.78			58.5	Mer.	182	44	
12600	10	46.29	2	15	1	11.25	38	9	54.8	Tr.	8	18	
12601	9	52.40	4	15	1	14.52 [14]	19	56	29.7 [15]	Mer.	249	28	[14] One of five threads rejected; R. A.=$15^{s}.40$.
12602	8	49.33	1	15	1	19.26	22	8	36.2	Mu.	253	12	[15] Decl. changed five rev. south.
	8	51.43	5			19.80			38.2	Tr.	263	19	
12603	11	46.38	1	15	1	20.35	34	28	34.2	Tr.	19	27	
12604	7	48.34	4	15	1	25.88 [16]	25	45	25.1	Tr.	163	15	[16] One thread decreased 10 sec.
	5	49.36	1			26.86			26.3	Mu.	254	32	
	7	48.42	4			26.94 [17]			24.5	Mu.	167	8	[17] Two threads decreased 10 sec. each.
	4	48.40	3			27.10			23.6	Mer.	124	63	
12605	8	46.30	1	15	1	27.99 [18]	40	8	31.4	Mer.	11	95	[18] R. A. decreased two threads intervals.
12606	7	46.29	5	15	1	28.55	44	42	23.7	Mer.	5	34	
12607	11	46.46	3	15	1	39.66	32	6	40.5	Tr.	28	10	
12608	11	46.34	1	15	1	41.13	29	34	11.9	Tr.	17	42	
12609	9	46.46	6	15	1	48.48	41	36	58.4	Mer.	26	13	
12610	8	49.36	1	15	1	51.50	25	23	25.2	Mu.	254	33	
	9	48.40	3			51.64			25.2	Mu.	165	46	
	9	49.26	1			52.11			28.0	Tr.	231	44	
12611	9	46.28	5	15	1	58.97	44	26	23.9	Mer.	4	16	[19] Unidentified. Looked for with equatorial but not found.
12612	9	46.46	1	15	2	9.17	37	13	44.0	Mu.	24	3 [19]	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
12613	10	49.33	2	15	2	9.86	23	26	51.8	Tr.	239	5	
12614	8	49.33	1	15	2	25.67	21	30	9.7	Mu.	253	13	
	9	49.46	1			26.02			10.9	Mu.	256	16	
12615	7	46.38	1	15	2	25.76	34	54	44.7	Tr.	19	28	
	8.9	46.38	2			26.16			41.6	Mu.	14	33	
12616	8	46.30	3	15	2	28.29[1]	33	4	0.6	Tr.	15	16	[1] One thread decreased 10 sec.
12617	8	49.33	4	15	2	28.98	26	45	3.7	Mer.	180	12	
	9	46.48	7			29.10			2.9	Mer.	31	1	
12618	8	49.33	3	15	2	29.32	26	53	40.7	Mer.	180	13	
12619	9	46.42	3	15	2	29.90[2]	34	11	25.7	Mu.	20	10	[2] One of four threads rejected; R. A.=$28^s.38$.
12620	10	47.40	1	15	2	40.48	30	52	52.4	Tr.	119	53	
12621	9	49.26	1	15	2	44.93	24	6	2.9	Mer.	175	65	
12622	8.9	46.28	5	15	2	48.82	44	23	23.5	Mer.	4	17	
12623	8	52.38	4	15	2	56.19[3]	20	44	14.6	Tr.	277	7	[3] One of five threads rejected; R. A =$56^s.62$.
	9.10	49.47	3			56.24[4]			12.4	Mu.	260	1	[4] One of four threads rejected; R. A.=$54^s.82$.
12624	8	46.38	2	15	2	57.33	34	23	47.7	Tr.	19	29	
12625	7	47.40	1	15	3	1.36	30	18	41.1	Tr.	119	54	
	8	46.38	2			1.58[5]			41.4	Mu.	13	31	[5] One of three threads rejected; R. A.=$2^s.30$.
	8	47.46	5			1.66			42.7	Mu.	120	1	
	7	47.20	4			1.67			41.6	Mer.	88	118	
	8	47.44	4			1.85			39.3	Mer.	190	10	
	7	49.38	4			1.88			41.1[6]	Mer.	182	45	[6] Decl. changed one rev. north.
	8	47.48	2			1.93[7]			41.4	Mer.	192	4	[7] One of three threads rejected; R. A.=$1^s.07$.
12626	10	49.33	2	15	3	2.16	24	3	56.8	Tr.	239	6	
	9	49.26	1			2.36			54.1	Mer.	175	66	
12627	9	46.29	5	15	3	13.69	36	57	....	Tr.	10	6	
12628	9	47.46	1	15	3	22.09	30	15	24.7	Mu.	120	2	
	7	47.20	1			22.62			20.6	Mer.	88	119	
12629	7	47.20	1	15	3	22.64[8]	30	12	51.4	Mer.	88	120	[8] R. A. decreased 2 min.
12630	9	52.38	5	15	3	25.48	20	33	14.3	Tr.	277	8	
12631	10	49.33	1	15	3	25.59	21	47	37.7	Mu.	253	14	
	11	51.43	5			25.66			41.4	Tr.	263	20	
12632	5	52.38	5	15	3	40.67	19	13	16.3	Mer.	248	5	
	5	52.48	5			40.74			....	Tr.	281	1	
12633	7	46.29	4	15	3	41.09	35	31	19.3	Tr.	12	9	
12634	9	46.39	3	15	3	49.68	40	55	30.2	Mer.	21	2	
	10	46.29	3			49.80			....	Mer.	6	37	
12635	8	49.26	2	15	3	53.63	25	6	58.0	Tr.	231	45	
	8.9	48.40	4			53.69			58.2	Mu.	165	47	
	6	49.36	1			53.81			56.8	Mu.	254	34	
12636	8	46.38	1	15	3	53.68[9]	30	10	45.0	Mu.	13	32	[9] R. A. decreased 20 sec.
12637	10	49.47	1	15	4	3.06[10]	20	22	26.9	Mu.	260	2	[10] "Time of transit uncertain by 2 sec." AW gives 3^m $59^s.6$. CiZ gives 3^m $59^s.7$.
12638	9	46.40	3	15	4	10.86	28	11	39.3	Mer.	23	58	
	9	47.44	1			10.89			37.0	Mu.	117	26	
12639	9	46.38	2	15	4	22.17	35	16	1.2	Mu.	14	34	
12640	10	52.48	5	15	4	22.85	19	33	....	Tr.	281	2	
12641	8	49.36	1	15	4	29.83	25	33	48.4	Mu.	254	35	
	10	48.40	2			31.09			46.1	Mer.	124	64	
12642	8	48.47	4	15	4	31.95[11]	23	26	25.2	Mu.	174	2	[11] One thread increased 40 sec.
	7.8	48.48	3			31.98			22.8	Mu.	175	2	
12643	8.9	46.46	5	15	4	33.13[12]	37	55	31.3[13]	Mu.	24	4	[12] R. A. increased 1 min.
	8	46.40	4			33.52			31.7	Mu.	17	35	[13] Decl. changed one rev. north.
	7.8	46.29	2			33.59[14]			31.0	Mu.	7	19	[14] One of three threads rejected; R. A.=$32^s.77$.
12644	11	46.30	2	15	4	33.61	32	57	0.9	Tr.	15	17	
12645	10	47.32	3	15	4	35.23	29	11	28.7	Mer.	97	64	
	10	46.48	4			35.37			37.3	Tr.	32	3	
	8	46.34	2			35.46			31.8	Tr.	17	43	
	8.9	46.34	7			35.63			33.5	Mer.	15	80	
12646	10	49.26	1	15	4	41.76	24	18	10.3	Mer.	175	68	
12647	6	49.26	3	15	4	43.23	24	44	22.6	Mer.	175	67	
	7	49.26	2			43.43			24.9	Tr.	231	46	
	8	48.40	3			43.58			24.5	Mu.	165	48	
12648	6	52.38	5	15	4	46.73	19	4	44.0	Mer.	248	6	
12649	9	46.38	4	15	4	55.62	41	45	15.8	Mer.	19	18	
	7	46.46	5			55.98			15.2	Mer.	26	14	
12650	5	49.36	1	15	5	0.60	25	37	38.0[15]	Mu.	254	36	[15] Decl. changed five rev. south.
	7	48.34	4			0.84			36.6	Tr.	163	16	
	8	48.43	3			0.91			....	Tr.	164	1	
	7	48.42	4			1.01			39.5	Mu.	167	9	
	5	48.40	2			1.24			41.1	Mer.	124	65	
12651	9	48.48	1	15	5	1.62	22	58	26.6	Mu.	175	3	
	10	49.47	2			1.68			....	Mer.	184	1	
12652	9.10	48.46	1	15	5	-3.07[16]	26	58	25.2	Mu.	172	17	[16] R. A. increased 10 sec.
12653	9	48.42	3	15	5	3.45[17]	25	29	8.3	Mu.	167	10	[17] One of four threads rejected; R. A.=$4^s.44$.
	..	48.40	2			3.70[18]			....	Mer.	124	66	[18] Minute assumed.
12654	9	49.33	3	15	5	6.93	23	48	45.1	Tr.	239	7	
	9	48.47	2			7.01			43.4	Mu.	174	3	
12655	9.10	46.46	2	15	5	17.52[19]	34	11	36.2[20]	Mu	22	3	[19] One thread increased 5 sec.
12656	8	48.46	3	15	5	22.14	25	4	57.1	Tr.	166	1	[20] Decl. changed fifteen rev. south.
12657	11	46.30	1	15	5	23.67	33	20	9.4	Tr.	15	18	

NO	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
12658	4	46.42	5	15	5	26.74	30	57	17.4	Mu.	19	45	
	4	49.38	7			26.93			16.5	Mer.	182	46	
	4	46.38	7			26.94			20.2	Tr.	18	5	
	6	47.46	4			26.96[1]			18.8	Mu.	120	3	[1] One thread decreased 10 sec.
	4.5	47.40	2			26.98			14.7	Tr.	119	55	
	7	47.48	7			27.03			16.6	Mer.	192	5	
12659	10	46.26	..	15	5	30. . .[2]	39	9	16.0	Mu.	1	12	[2] "Too faint for transit."
12660	8	47.44	1	15	5	39.46	28	30	39.0	Mu.	117	27	
	8	46.40	5			39.68[3]			35.5	Mer.	23	59	[3] R. A. increased 20 sec.
	9	46.48	1			39.72[4]			38.6	Mu.	27	9	[4] R. A. increased one thread interval.
	9	47.38	2			39.89			34.5	Tr.	118	25	
12661	10	49.33	2	15	5	40.46	21	54	20.4	Mu.	253	15	
	6	51.43	5			40.61			21.3	Tr.	263	21	
12662	9	49.33	2	15	5	57.23	23	54	22.3	Tr.	239	8	
12663	10	47.44	1	15	6	5.41	30	24	49.8	Mer.	190	11	
	11	47.40	1			5.48			50.5	Tr.	119	56	
12664	11	49.33	1	15	6	6.03	21	56	12.9	Mu.	253	16	
12665	8	46.39	7	15	6	13.20	40	55	47.1	Mer.	21	3	
	7.8	46.30	3			13.24			46.8	Mer.	13	55	
	7.8	46.29	5			13.29			....	Mer.	6	38	
12666	7	47.27	2	15	6	16.53	27	17	37.3	Mu.	106	1	
	6	49.33	2			16.63[5]			39.8	Mer.	180	14	[5] One of three threads rejected, R. A.=$15^{s}.74$.
	7.8	46.42	2			16.79			38.3	Mer.	25	34	
	8	47.38	4			16.81[6]			34.4	Mer.	188	39	[6] One of five threads rejected; R. A.=$17^{s}.64$.
12667	9	46.38	2	15	6	25.74	34	14	29.4	Tr.	19	30	
12668	8	51.46	5	15	6	25.85	22	21	20.2	Tr.	264	8	
	8	49.47	1			25.86			....	Mer.	184	2	
	10	48.34	2			25.93[7]			19.6	Mer.	123	8	[7] Separate threads give $25^{s}.56$, $26^{s}.30$.
12669	8	48.46	1	15	6	26.77	24	49	39.1	Tr.	166	2	
12670	9	49.26	3	15	6	28.75	24	13	52.4	Mer.	175	69	
12671	9	47.20	2	15	6	30.44	30	8	20.2	Mer.	88	121	
	10	47.44	1			30.58[8]			15.6	Mer.	190	12	[8] One of two threads rejected; record uncertain.
12672	5	49.33	2	15	6	41.67	27	2	8.1	Mer.	180	15	
	6	46.42	3			42.08			8.4	Mer.	25	35	
	8	48.46	3			42.14			9.0	Mu.	172	18	
12673	8.9	46.38	3	15	6	42.35	41	48	29.1	Mer.	19	19	
12674	9	46.39	5	15	6	49.62	39	0	....[9]	Tr.	21	6	[9] Decl. changed one wire interval north.
	8	46.39	4			49.66			2.7	Mu.	15	27	
12675	10	52.48	5	15	6	55.52	19	39	....	Tr.	281	3	
	9	52.38	5			55.55			15.1	Mer.	248	7	
12676	7	46.38	2	15	6	55.98	30	9	60.7	Mu.	13	33	
	9	47.44	1			56.25[10]			59.6	Mer.	190	13	[10] R. A. increased one thread interval.
	8	47.20	1			56.79[11]			66.8	Mer.	88	122	[11] Minute assumed.
12677	8	47.46	3	15	6	57.04	26	27	40.3	Mer.	191	1	
	8.9	46.48	2			57.07			39.0	Mer.	31	2	
	8	48.43	4			57.18			41.0	Mu.	169	7	
12678	8	46.42	1	15	7	1.18	31	16	25.8	Mu.	19	46	
12679	9.10	49.47	4	15	7	9.57[12]	20	22	42.0	Mu.	260	3	[12] One of five threads rejected; R. A.=$10^{s}.64$.
12680	12	46.46	3	15	7	11.83	32	5	39.7	Tr.	28	11	
12681	8	52.38	5	15	7	15.72	18	58	58.7	Mer.	248	8	
12682	7.8	46.29	3	15	7	22.05[13]	37	53	17.4	Mu.	7	20	[13] One of four threads rejected; R. A.=$22^{s}.84$.
	8.9	46.46	4			22.16			18.3	Mu.	24	5	
	8	46.40	4			22.56			18.0	Mu.	17	36	
12683	9	48.40	1	15	7	23.56[14]	25	21	26.6	Mer.	124	67	[14] R. A. decreased 1 min.
12684	7.8	46.46	7	15	7	23.85	41	22	6.7	Mer.	26	15	
	8.9	46.30	4			24.18			7.7	Mer.	13	56	
12685	..	48.40	1	15	7	35.82	25	23	25.2	Mer.	124	68	
	10	48.42	1			36.37			24.0	Mu.	167	11	
12686	3	49.33	2	15	7	41.72	21	50	26.4	Mu.	253	17	
	4	51.43	5			41.77			27.7	Tr.	263	22	
	6	51.46	5			41.82			28.6	Tr.	265	1	
12687	8	46.46	4	15	7	48.01	34	1	7.8	Mu.	22	4	
	8	46.42	4			48.11			8.0	Mu.	20	11	
12688	9	46.34	1	15	7	50.66[15]	29	48	32.9	Tr.	17	44	[15] R. A. decreased one thread interval.
12689	..	49.33	3	15	7	56.47	26	35	32.2	Mer.	180	16	
12690	9	46.26	3	15	7	59.12	39	15	17.8	Mu.	1	13	
12691	9	48.47	3	15	8	1.25[16]	23	27	8.1	Mu.	174	4	[16] One of four threads rejected; R. A.=$2^{s}.34$.
	8	49.33	3			1.53			9.2	Tr.	239	9	
	8.9	48.48	3			1.67			7.2	Mu.	175	4	
12692	11	46.29	3	15	8	1.98[17]	38	14	10.3	Tr.	8	19	[17] One thread increased 10 sec.
12693	8	49.26	3	15	8	8.45	24	7	38.8	Mer.	175	70	
12694	9	52.48	5	15	8	10.73	19	26	....	Tr.	281	4	
	9	52.38	5			10.82			26.8	Mer.	248	9	
12695	8.9	46.26	5	15	8	18.69	40	30	17.2	Mer.	2	1	
	8	46.29	4			18.78			....	Mer.	6	40	
	6	46.30	4			18.93			20.7	Mer.	11	96	
	8.9	46.39	7			18.95[18]			21.5	Mer.	21	4	[18] R. A. increased 1 min.
12696	9	47.40	1	15	8	27.27	30	54	8.0	Tr.	119	57	
	9	47.48	6			27.58			18.0	Mer.	192	6	
	8.9	47.46	3			27.76			8.2	Mu.	120	4	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
12697	10	46.29	2	15	8	27.65	40	51	....[1]	Mer.	6	39	[1] Decl. changed one rev. south.
12698	9.10	49.46	3	15	8	27.85	21	14	53.5	Mu.	256	17	
12699	11	49.47	2	15	8	32.67	22	39	....	Mer.	184	3	
12700	5.6	47.32	4	15	8	42.82[2]	29	35	34.5	Mer.	97	65	[2] One of five threads rejected; R. A.=$44^{s}.12$.
	3.4	47.29	3			42.94			35.6	Tr.	110	14	
	5	46.48	4			43.06			38.2	Tr.	32	4	
	5	46.34	3			43.10			36.1	Tr.	17	45	
12701	7	49.36	1	15	8	47.01	25	41	18.7	Mu.	254	37	
	9	48.42	3			47.23[3]			18.8	Mu.	167	12	[3] One of four threads rejected; R. A.=$47^{s}.99$.
	8	48.34	4			47.55			18.8	Tr.	163	17	
	8	48.40	1			47.60			18.3	Mer.	124	69	
	9	48.43	3			47.75			....	Tr.	164	2	
12702	9	47.31	1	15	8	47.77	29	55	21.5	Mer.	96	2	
	8	47.47	2			47.93			20.2	Tr.	123	1	
	9	47.44	2			48.39			13.9	Mer.	190	14	
12703	8	46.48	6	15	8	55.81	26	26	26.7	Mer.	31	3	
	8	48.43	4			56.03			28.2	Mu.	169	8	
	8	47.46	2			56.04			26.8	Mer.	191	2	
12704	7	49.26	2	15	9	3.35	24	25	46.3	Mer.	175	71	
12705	9.10	49.46	1	15	9	4.52	21	1	1.5	Mu.	256	18	
12706	7	46.42	3	15	9	5.68	31	17	42.0	Mu	19	47	
12707	4	46.30	3	15	9	7.36	40	14	2.9[4]	Mer.	11	97	[4] Decl. changed ten rev. south.
	8	46.26	1			7.46			5.0	Mer.	2	2	
12708	9	46.38	4	15	9	10.33	41	52	55.4	Mer.	19	20	
12709	9	49.47	2	15	9	18.01	22	55	....	Mer.	184	4	
12710	7.6	47.40	2	15	9	30.39	30	39	18.3	Tr.	119	58	
	6	46.38	6			30.43			19.5	Tr.	18	6	
	6.7	47.46	4			30.48			21.7	Mu.	120	5	
	8	47.48	3			30.60			19.3	Mer.	192	7	
12711	9	47.20	1	15	9	38.70	30	16	32.2[5]	Mer.	88	123	[5] If micrometer reading be assumed as 45.805 instead of 45.305 rev., as recorded, Decl.= 14″.8. AW gives 15″.
12712	8.9	49.47	4	15	9	42.81	20	18	26.5	Mu.	260	4	
12713	10	47.38	2	15	9	45.28[6]	27	24	56.7	Mer.	188	40	
12714	..	49.26	3	15	9	47.16	24	26	46.2	Mer.	175	72	[6] One of three threads rejected; R. A.=$44^{s}.55$.
12715	9	48.47	3	15	9	48.55	23	41	40.7	Mu.	174	5	
	8	49.33	2			48.58			37.8	Tr.	239	10	
12716	9	48.40	2	15	9	48.57[7]	24	40	16.6	Mu.	165	49	[7] One of three threads rejected; R. A.=$49^{s}.35$.
	8	48.46	3			48.84[8]			16.2	Tr.	166	3	[8] Separate threads give $48^{s}.90$, $49^{s}.33$, $48^{s}.30$.
12717	8	46.48	3	15	9	52.05	28	40	8.6	Mu.	27	10	
	8.9	46.34	6			52.22			7.9[9]	Mer.	15	81	[9] Decl. changed 10 rev. south.
	7.8	46.40	1			52.45[10]			7.7	Mer.	23	60	[10] R. A. decreased 1 min.
12718	9	46.38	2	15	9	52.62[11]	35	9	13.2	Mu.	14	35	[11] One of three threads rejected; R. A.=$51^{s}.00$.
12719	8	46.40	4	15	9	59.06	36	32	22.5	Mu.	16	29	
12720	8	46.42	3	15	10	0.76	33	28	46.9	Mu.	20	12	
	8	46.46	5			0.83			47.4	Mu.	22	5	
	8	46.30	2			0.90			45.2	Tr.	15	19	
12721	8	46.42	1	15	10	3.07	31	28	40.6	Mu.	19	48	
12722	8.9	49.47	2	15	10	5.36	20	33	4.9	Mu.	260	5	
12723	9	46.38	1	15	10	15.67	35	3	11.8	Mu.	14	36	
12724	9	47.38	2	15	10	16.27	28	25	18.9	Tr.	118	26	
	8	47.40	1			16.30			16.7	Mer.	189	1	
	7	47.44	4			16.44			20.7	Mu.	117	28	
	8	46.40	4			16.64			19.3	Mer.	23	61	
12725	9	49.47	1	15	10	17.05	22	46	....	Mer.	184	5	
12726	7	49.33	2	15	10	21.85	23	42	44.8	Tr.	239	11	
	8	48.47	3			21.96			48.3	Mu.	174	6	
12727	9	52.38	4	15	10	25.85[12]	19	34	15.2[13]	Mer.	248	10[14]	[12] One of five threads rejected; R. A.=$25^{s}.27$.
	11	52.48	5			25.91			....	Tr.	281	5	[13] If micrometer reading be assumed as 37.75 instead of 37.15 rev., as recorded, Decl.= 35″.8. An equatorial comparison with AW 11765=CiZ 2585 gives 31″.
12728	9	49.36	1	15	10	27.61	25	33	12.2	Mu.	254	38	
	9	48.40	1			28.85			10.3	Mer.	124	70	
12729	10	48.42	1	15	10	35.61	25	17	21.1[15]	Mu.	167	13	
12730	9	47.32	1	15	10	36.59	29	31	3.0	Mer.	97	66	[14] "Blurred."
12731	9	49.36	1	15	10	38.16	25	36	0.6	Mu.	254	39	[15] Decl. changed five rev. north.
	9	48.40	1			38.66			1.6	Mer.	124	71	
	10	48.43	2			38.76			....	Tr.	164	3	
12732	8	47.46	5	15	10	41.20	26	12	13.8	Mer.	191	3	
	8.9	46.48	5			41.32			15.7	Mer.	31	4	
	8	48.43	4			41.36			16.1	Mu.	169	9	
12733	8	46.46	3	15	10	45.03	32	18	48.3	Mu.	23	15	
	10	46.46	1			45.18[16]			45.0[17]	Tr.	28	12	[16] R. A. decreased 10 sec.
12734	8.7	46.38	3	15	10	48.42	34	22	30.8	Tr.	19	31	[17] Decl. changed one wire interval south.
12735	11	46.48	2	15	10	49.23	29	33	25.8[18]	Tr.	32	5	[18] Decl. changed two rev. north
	10	46.34	1			49.46			23.0	Tr.	17	46	
	9	47.32	1			49.58			22.5	Mer.	97	67	
12736	11	52.48	5	15	10	51.86	19	24	....	Tr.	281	6	
12737	10	52.48	5	15	10	52.08	19	23	....	Tr.	281	7	
12738	6.7	49.33	1	15	10	52.46	23	43	5.4	Tr.	239	12	
	8	48.47	3			52.93			9.2	Mu.	174	7	
12739	8	47.48	2	15	11	2. . .[19]	30	17	19.9	Mer.	192	8	[19] Separate threads give $2^{s}.58$, $1^{s}.60$. Gou gives $2^{s}.2$. GZ gives $2^{s}.4$.
	8	47.31	2			2. . .[20]			19.7	Mer.	96	3	[20] Separate threads give $2^{s}.83$, $1^{s}.93$.
	8.9	47.46	1			2.27			18.2	Mu.	120	6	
	.9	47.44	5			2.78			17.4	Mer.	190	15	
	..	47.20	3			2.83			24.6	Mer.	88	124	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
12740	8	47.46	1	15	11	5.61	25	54	35.4[1]	Mer.	191	4	[1] If micrometer reading be assumed as 47.44 instead of 47.14 rev., as recorded, Decl.=25″.0. GZ gives 22″.
12741	8.9	49.47	3	15	11	11.69	20	19	7.0	Mu.	260	6	
12742	6	52.38	5	15	11	17.00	19	0	5.0	Mer.	248	11	
12743	8	49.26	3	15	11	23.58	24	25	44.5	Mer.	175	73	
	10	48.47	2			23.80			40.1	Tr.	168	1	
12744	7.8	46.29	7	15	11	23.95	44	23	28.6	Mer.	5	35	
12745	7	47.27	4	15	11	30.25	27	44	15.3	Mu.	106	2	
	9	47.38	7			30.32			11.6	Mer.	188	41	
	6	47.44	2			30.36			15.3	Mu.	117	'29	
	7	46.42	3			30.59[2]			15.9	Mer.	25	36	[2] One of four threads rejected; R. A.=$29^{s}.87$.
12746	2	46.30	6	15	11	32.79	40	6	3.2[3]	Mer.	11	98	[3] Decl. changed one wire interval north.
	6	46.26	5			33.05			2.1	Mer.	2	3	
12747	9	49.33	1	15	11	35.59	21	53	38.7	Mu.	253	19	
	11	51.46	5			35.62			37.3	Tr.	265	2	
12748	8	47.46	1	15	11	38.68[4]	26	28	33.8	Mer.	191	5	[4] R. A. decreased one thread interval.
	8	48.46	6			38.70			27.2	Mu.	172	19	
	8.9	46.48	7			38.73			30.0	Mer.	31	5	
	8	48.43	4			38.77			31.0	Mu.	169	10	
12749	11	51.46	5	15	11	43.92	21	42	40.6	Tr.	265	3	
	8	49.33	1			44.15			39.9	Mu.	253	18	
	9	49.46	5			44.24			38.3	Mu.	256	19	
12750	9	46.26	2	15	11	44.95[5]	40	12	9.5	Mer.	2	4	[5] Separate threads give $44^{s}.56$, $45^{s}.34$.
	6	46.30	1			45.07			12.1[6]	Mer.	11	99	[6] Decl. changed one rev. south.
12751	8	48.42	5	15	11	47.64	25	26	12.4	Mu.	167	14	
	6	49.36	1			47.67			13.2	Mu.	254	40	
	7	48.34	3			47.68			9.5	Tr.	163	18	
	7.8	48.40	5			47.80			9.5	Mu.	165	50	
	8	48.43	2			47.84			....	Tr.	164	4	
	4	48.40	1			47.86			15.9	Mer.	124	72	
12752	7	46.29	4	15	11	50.89[7]	37	40	18.2	Mu.	7	21	[7] Three of seven threads rejected; R. A.= $51^{s}.79$, $49^{s}.85$, $49^{s}.99$.
	8	46.46	4			51.28			15.4	Mu.	24	6	
	7.8	46.40	6			51.45			17.7	Mu.	17	37	
12753	9	48.46	3	15	11	57.04	25	2	44.1	Tr.	166	4	
12754	9	46.26	1	15	12	0.86	39	27	38.8	Mu.	1	14	
12755	9	47.47	2	15	12	13.29	30	14	3.3	Tr.	123	2	
12756	9	46.39	1	15	12	15.77	38	40	42.8	Mu.	15	28	
	11	46.29	3			15.91			46.6	Tr.	8	20	
12757	4.5	46.29	6	15	12	18.24	35	42	47.2	Tr.	12	10	
12758	9.10	46.34	4	15	12	20.01[8]	28	58	56.8	Mer.	15	82	[8] One of five threads rejected; R. A.=$20^{s}.99$.
12759	9.10	46.46	2	15	12	22.47	37	47	20.7	Mu.	24	7[9]	[9] Unidentified. Looked for with equatorial but not found.
12760	9.10	49.46	1	15	12	24.62	21	40	12.9	Mu.	256	20	
	9	49.33	1			24.77			12.1	Mu.	253	20	
12761	8	47.40	1	15	12	28.90	28	8	7.7	Mer.	189	2	
	8	47.44	1			28.95			6.9	Mu.	117	30	
	8	46.51	3			29.08			....[10]	Tr.	33	1	[10] Decl. changed one rev. south.
12762	3	46.29	2	15	12	31.11	44	8	44.8	Mer.	5	36	
12763	8	47.38	2	15	12	34.15	27	22	38.1	Mer.	188	42	
	8	47.27	1			34.33			40.5	Mu.	106	3	
12764	9	46.40	4	15	12	34.33	37	5	....	Tr.	22	2	
	7	46.29	7			34.50			....	Tr.	10	7	
12765	9.10	49.46	1	15	12	36.81	21	31	14.7	Mu.	256	21	
12766	9	47.44	2	15	12	40.88	27	5	18.3	Tr.	121	1	
	8	49.33	4			40.91			20.1	Mer.	180	17	
	9	46.42	1			41.10			21.8	Mer.	25	37	
	9	48.46	1			41.63			22.2	Mu.	172	20	
12767	9	47.48	2	15	12	49.36[11]	30	59	30.2	Mer.	192	9	[11] One of three threads rejected; R. A.=$50^{s}.66$.
	10	47.40	1			49.90			25.5	Tr.	119	59	
	8	47.46	1			50.30			29.7	Mu.	120	7	
12768	10	49.33	1	15	12	51.17	21	47	56.6	Mu.	253	21	
	8	51.43	5			51.32			56.7	Tr.	263	23	
	10	51.46	5			51.47			54.8	Tr.	265	4	
12769	9	46.46	2	15	12	53.51	31	38	43.7	Tr.	28	13	
	7	46.42	4			53.61			40.8	Mu.	19	49	
12770	9	46.46	2	15	12	58.57	34	4	48.2	Mu.	22	6	
12771	8	46.46	3	15	12	59.68	34	9	53.7[12]	Mu.	22	7	[12] Decl. changed one rev. north.
	6.7	46.38	3			59.71			52.9	Tr.	19	32	
12772	8	46.30	3	15	13	5.56	33	36	55.8	Tr.	15	20	
	8	46.42	2			5.59[13]			54.7	Mu.	20	13	[13] One of three threads rejected; R. A.=$4^{s}.82$.
12773	9	47.46	2	15	13	13.76	26	27	37.4	Mer.	191	6	
	8	48.43	3			13.79			39.6	Mu.	169	11	
	8	46.48	7			13.86			38.2	Mer.	31	6	
12774	8	47.20	2	15	13	20.75[14]	29	50	14.3	Mer.	88	125	[14] Two of four threads rejected; R. A.=$19^{s}.96$, $21^{s}.64$.
	9	47.32	2			21. . .[15]			9.5[16]	Mer.	97	68	
	10	46.48	2			21.13[17]			6.5	Tr.	32	6	[15] Separate threads give $21^{s}.30$, $20^{s}.00$. Gou gives $21^{s}.3$.
	9	47.46	1			21.16			9.8	Tr.	122	1	
	9	47.29	2			21.32			10.2	Tr.	110	15	[16] Decl. changed one wire interval south.
	9	47.44	4			21.52			9.0	Mer.	190	16	[17] R. A. decreased one thread interval.
12775	8	48.46	2	15	13	29.42	24	54	58.5	Tr.	166	5	
	8.9	48.40	3			29.78			58.4	Mu.	165	51	
12776	4	46.40	5	15	13	35.45	36	18	56.6	Mu	16	30	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
12777	10	47.46	1	15	13	36.40	29	51	42.4	Tr.	122	2	
	10	47.44	3			37.03			42.5	Mer.	190	17	
12778	10	48.34	2	15	13	38.63	22	26	3.2[1]	Mer.	123	9	[1] Decl. changed one rev. south.
	8	51.46	5			38.84			0.9	Tr.	264	9	
12779	7	46.40	4	15	13	39.19	28	47	58.8	Mer.	23	62	
	6	46.48	4			39.21			59.3	Mu.	27	11	
	6.7	46.34	7			39.22			58.0	Mer.	15	83	
	8	46.40	3			39.34			59.7[2]	Mer.	22	1	[2] Decl. changed one rev. north.
12780	9	49.33	1	15	13	42.56	22	1	27.7	Mu.	253	22	
	10	51.46	5			42.89			30.3	Tr.	265	5	
12781	8	49.36	1	15	13	45.91	25	17	30.0	Mu.	254	41	
	9	48.43	3			45.98			....	Tr.	164	5	
	9.10	48.42	3			46.09			29.1	Mu.	167	15	
12782	9	49.33	3	15	13	48.97	26	52	47.5	Mer.	180	18	
	9	47.44	2			49.03			47.5	Tr.	121	2	
12783	9.10	46.34	2	15	13	49.40[3]	28	37	53.9	Mer.	15	84	[3] R. A. decreased two thread intervals.
	8	46.40	2			49.51			55.3	Mer.	23	63	
12784	9.10	48.34	2	15	13	59.39	22	21	25.0[4]	Mer.	123	10	[4] Decl. changed five rev. south.
	8	51.46	5			59.40			23.4	Tr.	264	10	
12785	8	48.43	3	15	13	59.83	26	8	53.0	Mu.	169	12	
	7	47.46	3			59.86			54.9	Mer.	191	7	
	7.8	46.48	6			60.14			54.2[5]	Mer.	31	7	[5] Decl. changed one wire interval north.
12786	10	46.46	4	15	14	1.70	31	46	18.9	Tr.	28	14	
12787	8.9	46.46	3	15	14	8.36	34	12	4.8	Mu.	22	8	
	8.9	46.38	3			8.45			3.2	Tr.	19	33	
12788	8	46.42	2	15	14	11.20	31	15	55.9	Mu.	19	50	
12789	9	49.36	1	15	14	17.61	25	28	38.3	Mu.	254	42	
	9	48.40	2			18.75			34.9	Mer.	124	73	
12790	10	47.47	1	15	14	23.47	30	5	26.2	Tr.	123	3	
12791	7	52.38	5	15	14	36.35	19	14	52.8	Mer.	248	12	
	11	52.48	5			36.47			....	Tr.	281	8	
12792	9.10	49.46	2	15	14	37.56	21	7	57.5	Mu.	256	22	
12793	9	48.46	4	15	14	37.58	26	42	61.3	Mu.	172	21	
	10	47.44	1			37.79			59.6[6]	Tr.	121	3	[6] Decl. changed one wire interval south.
	9	49.33	1			37.89			61.1	Mer.	180	19	
12794	9.10	48.47	2	15	14	40.82	23	33	7.5	Mu.	174	8	
	8	49.33	3			41.01			7.5	Tr.	239	13	
12795	9	49.26	..	15	14	41...	24	49	56.3	Mer.	175	74	
12796	9	46.42	1	15	14	42.65	27	24	42.3	Mer.	25	38	
	9	47.38	6			42.97[7]			43.4	Mer.	188	43	[7] One of seven threads rejected; R. A.=$41^{s}.69$.
12797	8	46.26	3	15	14	58.05	39	10	14.0	Mu.	1	15	
	7	46.39	4			58.36			....	Tr.	21	7	
	4	46.39	4			58.44			12.7	Mu.	15	29	
12798	8	48.46	3	15	15	3.04	26	45	55.5	Mu.	172	22	
	8	49.33	1			3.21			55.1	Mer.	180	20	
	8	47.44	1			3.24			56.1	Tr.	121	4	
	8.9	46.48	4			3.24			53.2	Mer.	31	8	
12799	..	52.48	4	15	15	6.33[8]	19	12	....	Tr.	281	9	[8] One of five threads rejected; R. A.=$5^{s}.72$.
	8	52.38	5			6.44			54.7	Mer.	248	13	
12800	9	49.33	1	15	15	10.16	21	48	46.4	Mu.	253	23	
	11	51.43	5			10.34			46.7	Tr.	263	24	
	9	51.46	5			10.36			45.1	Tr.	265	6	
12801	7.8	46.38	5	15	15	10.65	35	22	46.9	Mu.	14	37	
12802	7.8	46.29	4	15	15	26.14	37	37	55.4	Mu.	7	22	
	8	46.46	5			26.19			54.8	Mu.	24	8	
	7.8	46.40	5			26.34			53.6	Mu.	17	38	
12803	8	49.33	1	15	15	26.76	22	11	9.7	Mu.	253	24	
	9	51.46	5			26.91			8.0	Tr.	265	7	
	8	51.43	5			26.93			5.8	Tr.	263	25	
12804	9	46.46	7	15	15	27.86	41	24	23.6[9]	Mer.	26	16	[9] Decl. changed ten rev. south.
12805	7	46.42	2	15	15	27.97	31	13	0.1	Mu.	19	51	
12806	10	46.40	1	15	15	29.53	38	22	8.4	Tr.	23	1	
12807	10	49.47	3	15	15	31.76	20	18	22.5	Mu.	260	7	
12808	9	48.42	1	15	15	33.77	25	13	30.2	Mu.	167	17	
	9	48.40	3			34.20			34.6	Mu.	165	52	
12809	8	46.29	5	15	15	35.94	37	37	18.8	Mu.	7	23	
12810	9.10	48.42	3	15	15	37.35	25	40	17.6	Mu.	167	16	
	9	48.43	3			37.41			....	Tr.	164	6	
	8.7	49.36	2			37.43			17.4	Mu.	254	43	
	8	48.40	4			37.86			15.3	Mer.	124	74	
12811	5	46.29	4	15	15	37.51	38	11	48.1	Tr.	8	21	
	6	46.40	2			37.67			48.9	Tr.	23	2	
12812	8	49.33	3	15	15	44.05	23	49	53.1	Tr.	239	14	
12813	8	48.46	4	15	15	45.79	25	7	44.1	Tr.	166	6	
	8	48.40	2			45.92			48.2	Mu.	165	53	
12814	8	46.46	2	15	15	47.18[10]	31	37	10.8	Tr.	28	15	[10] R. A. increased one thread interval.
12815	7	52.38	5	15	15	53.99	19	25	38.8	Mer.	248	14	
12816	11	46.29	3	15	15	58.06	35	40	0.8	Tr.	12	11	
12817	10	46.34	1	15	15	58.33	29	32	47.1	Tr.	17	47	
12818	7	49.47	2	15	16	3.73	22	58	....	Mer.	184	7	
	8	48.48	2			4.06			19.9	Mu.	175	5	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
12819	8	51.46	5	15	16	6.98	22	49	24.8	Tr.	264	11	
	7	49.47	2			7.38			....	Mer.	184	8	
	8	48.48	4			7.47			19.9	Mu.	175	6	
	10	48.34	2			7.51			26.5[1]	Mer.	123	11	[1] Decl. changed ten rev. north.
12820	9	47.46	5	15	16	11.52	26	13	3.7[2]	Mer.	191	8	[2] Decl. interchanged with that of Mer. 191, No. 9.
	8.9	46.48	4			11.83			4.7	Mer.	31	9	
	8.9	48.43	4			11.89			5.0	Mu.	169	13	
12821	9	48.43	4	15	16	12.65	26	2	19.8	Mu.	169	14	
	7	48.40	1			12.81			17.5	Mer.	124	75	
	9	47.46	1			13.34[3]			22.5[4]	Mer.	191	9	[3] R. A. decreased 1 min.
12822	8	49.33	1	15	16	15.25	21	30	28.5	Mu.	253	25	[4] See note on No. 12820_1.
	8	49.46	2			15.76[5]			28.3	Mu.	256	23	[5] Two of four threads rejected; R. A. = $14^s.74$, $13^s.71$.
12823	9	46.26	2	15	16	17.75[6]	39	21	17.5	Mu.	1	16	
12824	9.10	46.40	2	15	16	21.08	37	40	21.1	Mu.	17	39	[6] "Time of transit doubtful."
12825	9	46.46	3	15	16	34.25	41	44	1.9	Mer.	26	17	
12826	10	48.34	1	15	16	37.94	22	47	11.7[7]	Mer.	123	12	[7] Decl. changed ten rev. north.
	8	49.47	1			37.96			....	Mer.	184	9	
12827	9	47.38	6	15	16	38. . .[8]	27	33	38.6	Mer.	188	44	[8] Separate threads give $37^s.99$, $38^s.97$, $38^s.91$, $38^s.78$, $38^s.17$, $37^s.81$. Gou gives $38^s.5$.
	8	46.42	2			38.58			28.6[9]	Mer.	25	39	
	7	47.27	4			38.59			42.9	Mu.	106	4	[9] If micrometer reading be assumed as 39.04 instead of 39.44 rev., as recorded, Decl. = 42″.4.
12828	9	46.46	4	15	16	39.75	34	5	15.6	Mu.	22	9	
12829	10	49.46	2	15	16	40.16	21	23	50.1	Mu.	256	24	
12830	9	49.46	2	15	16	40.26	21	23	38.4	Mu.	256	25	
12831	8	46.29	1	15	16	42.87	36	3	51.9	Tr.	12	12	
12832	10	47.47	2	15	16	50.89	29	55	53.4	Tr.	123	4	
12833	9	46.34	4	15	16	57.29	28	53	51.5	Mer.	15	85	
12834	10	47.40	1	15	17	2.92	28	9	34.0	Mer.	189	3	
12835	9.10	48.43	1	15	17	9.90	26	10	22.8	Mu.	169	15	
12836	9	48.40	3	15	17	11.46	25	5	2.3	Mu.	165	54	
	9	49.36	2			11.49			2.2	Mu.	254	44	
	9	48.46	2			11.55			0.0	Tr.	166	7	
12837	10	51.43	5	15	17	12.95	21	44	5.6	Tr.	263	26	
12838	7	47.46	5	15	17	13.05	30	47	12.8	Mu.	120	8	
	8	46.38	7			13.22			15.9	Tr.	18	7	
	7	47.40	2			13.22			11.8	Tr.	119	60	
	8	47.48	6			13.31			13.5	Mer.	192	10	
12839	7.8	46.38	5	15	17	15.81	35	14	54.0	Mu.	14	38	
12840	6	52.38	5	15	17	25.02	20	50	53.1	Tr.	277	9	
	8	49.47	5			25.28[10]			53.5	Mu.	260	8	[10] Two threads increased 20 sec. each.
12841	7	49.26	6	15	17	25.53[11]	24	27	22.7	Mer.	175	75	[11] One thread decreased one thread interval.
	9	48.47	2			25.79			22.9	Tr.	168	2	
12842	5	46.40	5	15	17	42.51	36	14	11.1	Mu.	16	31	
12843	8	46.42	3	15	17	46.88	27	26	33.1[12]	Mer.	25	40	[12] Decl. changed one rev. north.
	8	47.38	3			47.06			33.3	Mer.	188	45	
	7	47.27	3			47.11			33.4	Mu.	106	5	
12844	7	46.30	3	15	17	58.99[13]	40	7	54.0	Mer.	11	100	[13] Minute assumed.
	8.9	46.26	4			60.01[14]			52.7	Mer.	2	5	[14] One of five threads rejected; R. A. = $59^s.09$.
12845	9	49.33	3	15	18	0.07	23	36	50.2	Tr.	239	15	
12846	8	51.43	5	15	18	0.44	21	58	28.4	Tr.	263	27	
	8	51.46	5			0.58			27.4	Tr.	265	8	
	7	49.33	1			0.63			28.2	Mu.	253	26	
12847	8.9	46.29	6	15	18	1.91	44	36	24.0[15]	Mer.	5	37	[15] Decl. changed ten rev. north.
12848	9	46.51	2	15	18	11.05	28	11	....	Tr.	33	2	
12849	6.7	52.38	5	15	18	13.46[16]	19	28	31.2	Mer.	248	15	[16] R. A. decreased 1 min.
	7	52.48	5			13.60			....	Tr.	281	10	
12850	10	46.40	2	15	18	15.91	38	7	6.6	Tr.	23	3	
12851	9.10	49.46	1	15	18	23.84	21	20	39.0	Mu.	256	26	
12852	10	46.34	2	15	18	25.99	29	0	1.6	Mer.	15	86	
	8	47.29	2			26.25			....	Mer.	94	1	
12853	9.10	49.47	2	15	18	27.22	20	12	33.6	Mu.	260	9	
12854	9	46.51	2	15	18	34.49	28	16	....	Tr.	33	3	
	9	47.44	1			35.06			3.5	Mu.	117	31	
12855	11	46.40	3	15	18	34.69	36	49	....	Tr.	22	3	
12856	9	46.30	2	15	18	35.73	40	12	24.7	Mer.	11	101	
12857	9	46.26	2	15	18	37.93	39	15	37.3	Mu.	1	17	
12858	10	46.40	1	15	18	38.27	38	30	46.6	Tr.	23	4	
12859	8	46.30	3	15	18	39.76	33	0	58.2	Tr.	15	21	
12860	9	46.29	3	15	18	42.41	37	6	....	Tr.	10	8	
12861	9	49.33	2	15	18	52.75	23	51	50.8	Tr.	239	16	
12862	8	48.40	2	15	18	55. . .[17]	24	38	30.6	Mu.	165	55	[17] Separate threads give $54^s.67$, $55^s.60$.
	8	48.47	3			55.15			30.3	Tr.	168	3	
	4	49.26	1			55.37			27.8	Mer.	175	76	
12863	9	46.46	4	15	18	55.98	41	24	40.8	Mer.	26	18	
12864	9	49.36	1	15	19	6.42	25	42	33.0	Mu.	254	45	
12865	8.9	46.42	2	15	19	9.22	27	5	71.1	Mer.	25	41	
	8	49.33	4			9.44			57.9	Mer.	180	21	
	9	47.44	1			9.63			57.0	Tr.	121	6	
12866	9	47.44	2	15	19	9.47	26	47	46.5	Tr.	121	5	
	9	46.48	6			9.51			49.7	Mer.	31	10	
	9	48.46	3			9.88			46.5	Mu.	172	23	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
12867	9	48.46	1	15	19	11.72 [1]	26	59	58.7	Mu.	172	24	[1] CPD gives $13^{s}.4$.
	8	49.33	1			13.53			59.6	Mer.	180	22	
12868	9	52.38	5	15	19	21.07 [2]	19	21	57.1	Mer.	248	16	[2] R. A. increased 1 min.
12869	8.9	46.46	2	15	19	24.03 [3]	33	48	11.0	Mu.	22	10	[3] One of three threads rejected; R. A.=$25^{s}.17$.
12870	9	47.46	1	15	19	28.52	30	46	11.0	Mu.	120	10	
	10	47.40	1			28.74			14.5	Tr.	119	62	
12871	6	46.42	4	15	19	30.58	30	56	60.3	Mu.	19	53	
	6	47.40	2			30.73			58.0	Tr.	119	61	
	7	47.46	3			30.85			59.4	Mu.	120	9	
	9	46.38	4			30.86 [4]			62.3	Tr.	18	8	[4] R. A. decreased one thread interval.
	8	47.48	7			31.09			60.8	Mer.	192	11	
12872	9	48.43	2	15	19	31.82	26	20	5.3	Mu.	169	16	
12873	8.9	46.34	5	15	19	33.15	29	2	34.3	Mer.	15	87	
	8	46.48	3			33.17 [5]			31.1	Mu.	27	12	[5] One of four threads rejected; R. A.=$31^{s}.33$.
	8	47.32	4			33.20			24.0 [6]	Mer.	97	69	[6] Decl. changed eleven rev. north. If micrometer reading be assumed as 47.31 instead of 36.51 rev., as recorded, Decl.=30″.9.
	8	47.29	3			33.43			....	Mer.	94	2	
12874	6	46.40	2	15	19	35.32	38	6	26.9	Tr.	23	5	
	6	46.29	3			35.40			26.2	Tr.	8	22	
12875	8	49.47	3	15	19	38.17	20	40	59.2	Mu.	260	10	
12876	8	49.33	1	15	19	44.32	21	40	1.1	Mu.	253	27	
12877	9.10	49.46	2	15	19	44.56 [7]	21	8	58.3	Mu.	256	27	[7] R. A. decreased 1 min.
12878	10	47.46	2	15	19	45.82	25	59	21.2	Mer.	191	10	
	9	48.40	2			46.27			17.8	Mer.	124	76	
12879	9.10	49.46	1	15	19	49.85 [8]	21	17	17.8	Mu.	256	28	[8] "Time of transit uncertain by 2 sec." Has been decreased 2 sec.; the last thread of Mu. 256, No. 27, 6 sec. earlier, was decreased 2 sec. by the observer.
12880	8	46.40	4	15	19	52.76	28	20	27.9	Mer.	22	2	
	9	47.38	3			52.81			23.0	Tr.	118	27	
	7	46.40	3			53.03			24.0	Mer.	23	64	
	6	47.44	3			53.12			24.0	Mu.	117	32	
	6	46.51	2			53.19			.... [9]	Tr.	33	4	[9] Decl. changed two rev. south.
	7	47.40	5			53.26			23.6	Mer.	189	4	
12881	8	46.38	3	15	19	55.51	34	52	41.1	Tr.	19	34	
	8.9	46.38	5			55.74			39.8	Mu.	14	39	
12882	10	52.48	4	15	20	17.14 [10]	19	41	....	Tr.	281	11	[10] One of five threads rejected; R. A.=$16^{s}.64$.
	8	52.38	5			17.41			3.9	Mer.	248	17	
12883	10	48.47	2	15	20	17.69	24	15	25.0	Tr.	168	4	
12884	8	49.33	1	15	20	18.07	27	10	39.7	Mer.	180	23	
	8	47.38	2			18.16			39.7 [11]	Mer.	188	46	[11] Decl. changed one rev. north.
	8	47.27	1			18.56			47.0	Mu.	106	6	
12885	8.9	48.47	4	15	20	18.83	23	55	38.3	Mu.	174	9	
	8	49.33	2			19.10			43.6	Tr.	239	17	
12886	8	47.44	1	15	20	21.24	28	19	20.5	Mu.	117	33	
	8	46.51	1			21.29			....	Tr.	33	5	
	8	47.40	3			21.42			19.8	Mer.	189	5	
	8	46.40	3			21.52			18.8	Mer.	23	65	
	10	47.38	1			21.55			20.5	Tr.	118	28	
12887	7.8	46.30	7	15	20	21.28	41	23	46.3	Mer.	13	57	
	6.7	46.46	7			21.38			46.4	Mer.	26	19	
12888	9	46.29	2	15	20	23.05	38	3	44.4	Tr.	8	23	
	9	46.40	1			23.09			46.0	Tr.	23	6	
12889	9	46.48	6	15	20	27.77	26	4	55.2	Mer.	31	11	
	8.9	48.43	3			27.93			56.0	Mu.	169	17	
	10	47.46	3			28.03			58.3	Mer.	191	11	
12890	9	51.46	5	15	20	30.97	22	10	32.3	Tr.	265	9	
12891	9.10	46.30	2	15	20	45.20 [12]	41	8	4.4	Mer.	13	58	[12] The times of transit are the same as those of the last two threads of Mer. 13, No. 57.
	8	46.46	1			45.97 [13]			3.9	Mer.	26	20	
	9	46.39	7			46.04			4.0	Mer.	21	5	[13] R. A. decreased 20 sec.
12892	9	46.46	2	15	20	56.20	37	10	0.0	Mu.	24	9	
	9	46.40	2			56.38			3.1	Mu.	17	40	
12893	9	48.47	2	15	21	3.32	23	31	20.7	Mu.	174	10	
	9	48.48	2			3.63 [14]			22.1	Mu.	175	7	[14] One of three threads rejected; R. A.=$2^{s}.72$.
12894	8	46.30	3	15	21	14.24	33	3	36.2	Tr.	15	22	
12895	9.10	49.33	2	15	21	16.18	24	0	28.0	Tr.	239	18	
12896	10	52.48	5	15	21	22.64	19	24	....	Tr.	281	12	
12897	9	49.33	1	15	21	23.89	26	45	16.0	Mer.	180	24	
12898	8	46.38	5	15	21	31.50	35	7	8.1	Mu.	14	40	
12899	9	48.47	2	15	21	33.06	24	46	41.8	Tr.	168	5	
	9	48.46	3			33.10			39.0	Tr.	166	8	
12900	10	49.33	1	15	21	45.22	21	47	33.1	Mu.	253	28	
12901	7.8	46.30	2	15	21	52.20	33	18	4.0	Tr.	15	23	
12902	6	46.29	6	15	21	56.57	44	33	0.3	Mer.	5	38	
12903	8	49.47	3	15	21	56.66	20	12	30.8	Mu.	260	11	
12904	8.9	49.46	4	15	22	0.42	21	21	38.0	Mu.	256	29	
12905	8	51.43	5	15	22	0.65	21	40	16.7	Tr.	263	28	
	7.8	49.33	1			0.73 [15]			15.9	Mu.	253	29	[15] R. A. increased one thread interval.
	9	49.46	1			1.08			15.9	Mu.	256	30	
12906	9	49.47	2	15	22	15.75	22	54	....	Mer.	184	10	
12907	9	46.38	1	15	22	17.55	35	1	44.0	Mu.	14	41	
12908	8	48.48	4	15	22	18.41	23	8	13.0	Mu.	175	8	
	7	49.47	3			18.67			....	Mer.	184	11	
12909	7	46.40	2	15	22	19.29	38	6	11.3	Tr.	23	7	
	7	46.29	2			19.30			10.5	Tr.	8	24	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
12910	11	46.46	3	15	22	24.52	32	6	26.8	Tr.	28	16	
12911	8	46.46	1	15	22	28.40	32	21	48.9	Tr.	28	17	
	6	46.46	4			28.59			47.8	Mu.	23	16	
12912	10	46.30	3	15	22	29. . .[1]	41	2	45.6[2]	Mer.	13	59	[1] Separate threads give 29^s.15, 30^s.04, 30^s.71.
	9	46.46	3			29.66			45.9	Mer.	26	21	[2] Decl. changed one wire interval north.
	9	46.39	5			29.77			43.9	Mer.	21	6	
12913	7	47.27	2	15	22	38.61	27	53	24.0	Mu.	106	7	
	8	47.40	2			38.85[3]			21.7	Mer.	189	6	[3] One of three threads rejected; R. A.=37^s.97.
	7	47.44	4			38.89			21.7	Mu.	117	34	
	8	47.38	3			38.93			22.6	Mer.	188	47	
	9	47.38	2			39.00			21.0	Tr	118	29	
	8.9	46.38	4			39.11			21.5	Mer.	18	1	
12914	9	49.33	1	15	22	40.77	23	41	57.8	Tr.	239	19	
12915	7	46.29	4	15	22	47.57	37	33	19.4	Mu.	7	24	
	8.9	46.46	2			47.78			....	Mu.	24	10	
	8.9	46.40	3			47.90			17.9	Mu.	17	41	
12916	8.9	46.42	3	15	23	3.01	27	39	0.4	Mer.	25	42	
	8	47.27	2			3.10			2.7	Mu.	106	8	
	8	47.38	3			3.19[4]			0.4	Mer.	188	48	[4] R. A. increased 1 min. and decreased one thread interval.
	7.8	46.38	4			3.32[5]			5.3	Mer.	18	2	
12917	8	47.46	3	15	23	4.87	30	37	36.5	Mu.	120	11	[5] One of five threads rejected; R. A.=2^s.47.
	9	46.38	4			4.96			51.4[6]	Tr.	18	9	[6] If micrometer reading be assumed as 6.40 instead of 7.10 rev., as recorded, Decl.=36″.3. AW gives 34″. GZ gives 36″.
	9	47.40	2			5.05			38.4	Tr.	119	63	
	9	47.48	3			5.49			35.5	Mer.	192	12	
12918	11	52.48	4	15	23	6.20[7]	19	38	....	Tr.	281	13	[7] One of five threads rejected; R. A.=5^s.76.
	6	52.38	5			6.21			51.1	Mer.	248	18	
12919	8	46.42	1	15	23	23.14	31	23	51.8	Mu.	19	54	
12920	8	48.48	1	15	23	24.74	23	21	56.7	Mu.	175	9	
	8	48.47	3			24.84			54.6	Mu.	174	11	
12921	7	49.46	4	15	23	26.66	21	27	1.5	Mu.	256	31	
12922	6	46.30	5	15	23	28.86	39	58	26.9	Mer.	11	102	
12923	9	48.43	2	15	23	32.27	26	8	32.4	Mu.	169	18	
	9	47.46	3			32.72			31.6	Mer.	191	12	
12924	8	47.29	2	15	23	39.27	29	3	....	Mer.	94	3	
	9	47.32	3			39.57			43.8	Mer.	97	70	
	8.9	46.34	4			39.60			50.6	Mer.	15	88	
12925	10	46.26	1	15	23	41.16	39	30	....	Mu.	1	18	
12926	8	49.33	2	15	23	43.79	23	24	30.0	Tr.	239	20	
	9	48.48	1			43.91			35.2	Mu.	175	10	
	9	48.47	1			44.23			29.1	Mu.	174	12	
12927	..	52.48	5	15	23	47.38	19	39	....	Tr.	281	14	
12928	9	46.46	1	15	23	54.24[8]	41	11	40.4	Mer.	26	22	[8] R. A. increased 1 min. GZ gives 57^s.4.
12929	9	47.32	2	15	23	56.96	29	8	45.6	Mer.	97	71	
	8	47.29	1			57.14[9]			....	Mer.	94	4	[9] R. A. increased 1 min. Time of transit assumed as 36^s instead of 30^s, as recorded.
	10	46.34	1			57.55			52.2	Tr.	17	48	
	8.9	46.34	4			57.83			51.3	Mer.	15	89	
12930	11	52.48	4	15	23	57.14[10]	19	29	....	Tr.	281	15	[10] One of five threads rejected; R. A.=56^s.68.
12931	10	49.46	1	15	23	58.54	21	17	35.2	Mu.	256	32	
12932	5	52.38	5	15	24	0.14	19	9	16.7	Mer.	248	19	
12933	8.9	46.46	4	15	24	4.64	33	50	48.5	Mu.	22	11	
12934	7	46.26	3	15	24	8.55[11]	39	33	14.4	Mu.	1	19	[11] R. A. decreased 10 sec.
12935	7	48.43	3	15	24	11.09	25	17	....	Tr.	164	7	
	7.8	48.40	5			11.24			10.4	Mu.	165	56	
	6.7	49.36	3			11.26			12.9	Mu.	254	46	
	8	48.42	5			11.29			12.8	Mu.	167	18	
	8	48.46	3			11.48			12.2	Tr.	166	9	
	8	48.40	2			11.71			14.5[12]	Mer.	124	77	[12] Decl. changed ten rev. north.
12936	10	46.38	2	15	24	11.48	34	51	12.5	Tr.	19	35	
12937	9	48.47	..	15	24	17. . .	23	58	33.2	Mu.	174	13	
12938	10	48.47	3	15	24	24.99	24	30	53.8	Tr.	168	6	
12939	9	48.48	1	15	24	26.41	22	57	10.7	Mu.	175	11	
	7	49.47	4			26.97[13]			....	Mer.	184	12	[13] R. A. increased 5 min.
12940	6	46.39	5	15	24	31.26	38	50	15.9	Mu.	15	30	
	8	46.39	5			31.43			....	Tr.	21	8	
12941	10	52.48	5	15	24	32.05	19	23	....	Tr.	281	16	
12942	9	46.46	2	15	24	38.40	41	13	21.0	Mer.	26	23	
12943	8	47.46	2	15	24	40.45[14]	30	30	21.3	Mu.	120	12	[14] One of three threads rejected; R. A.=39^s.47.
	9	47.40	2			40.56			23.9	Tr.	119	64	
	8	47.48	6			40.82			25.6	Mer.	192	13	
12944	10	46.40	2	15	24	40.91	38	36	31.6	Tr.	23	8	
	10	46.29	2			41.29[15]			32.6	Tr.	8	25	[15] R. A. decreased one thread interval.
12945	7	46.46	4	15	24	46.68	32	39	37.7	Mu.	23	17	
12946	10	52.48	5	15	24	52.56	19	33	....	Tr.	281	17	
12947	8	48.47	3	15	25	0.86	24	35	59.3	Tr.	168	7	
12948	10	47.47	1	15	25	4.65	30	16	19.9	Tr.	123	5	
12949	6	46.26	5	15	25	9.76[16]	40	39	29.1	Mer.	2	6	[16] R. A. increased 3 min.
	5	46.39	4			9.97			29.1	Mer.	21	7	
	2	46.30	5			10.01			28.0	Mer.	11	103	
	6.7	46.29	4			10.28[17]			....	Mer.	6	41	[17] R. A. increased 5 min.
12950	9	52.38	3	15	25	22.83	19	4	8.9	Mer.	248	20	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
12951	9	49.33	2	15	25	25.07	23	43	25.9	Tr.	239	21	
12952	8.9	46.30	5	15	25	26.93 [1]	40	59	43.3	Mer.	13	60	[1] One of six threads rejected; R. A. = $27^{s}.82$.
	9	46.39	4			27.22			45.3	Mer.	21	8	
	7	46.46	2			27.33			41.0	Mer.	26	24	
12953	8	51.43	5	15	25	27.25	20	48	5.7	Mer.	241	1	
	9	49.47	5			27.46			5.5	Mu.	260	12	
12954	5	47.27	5	15	25	32.53	27	32	12.6	Mu.	106	9	
	6	46.42	4			32.68			15.0	Mer.	25	43	
	6	47.38	3			32.80			10.5	Mer.	188	49	
12955	9	46.51	2	15	25	32.89	28	23	....	Tr.	33	6	
12956	3.4	46.29	7	15	25	34.85	44	27	....	Mer.	5	39	
12957	9	46.38	2	15	25	42.57 [2]	27	37	21.8	Mer.	18	3	[2] One of three threads rejected; R. A. = $43^{s}.31$.
	10	47.38	1			43.23			19.7	Mer.	188	50	
12958	8	49.46	4	15	25	45.94	21	24	34.9	Mu.	256	33	
12959	9	48.46	1	15	25	51.46	26	38	39.8	Mu.	172	25	
	8	47.34	1			51.54			44.2 [3]	Mer.	98	69	[3] Micrometer reading assumed as 36.46 instead of 46.36 rev., as recorded.
	9	48.43	3			51.54			43.0	Mu.	169	19	
	9	46.48	5			51.70			42.8	Mer.	31	12	
	9	47.46	6			51.73 [4]			44.9	Mer.	191	13	[4] One of seven threads rejected; R. A. = $50^{s}.78$.
	9	47.44	1			51.79			42.0	Tr.	121	7	
12960	8	47.40	3	15	26	6.74 [5]	27	57	51.7 [6]	Mer.	189	7	[5] One of four threads rejected; R. A. = $7^{s}.47$.
	8	46.38	5			6.93			52.7	Mer.	18	4	[6] Decl. changed one wire interval north.
	7	47.44	3			6.96			52.6	Mu.	117	35	
	9	47.38	2			7.26			54.5	Tr.	118	30	
12961	8	46.42	2	15	26	9... [7]	31	22	57.9	Mu.	19	55	[7] Separate threads give $9^{s}.27$, $10^{s}.23$. GZ gives $9^{s}.2$.
12962	8.9	48.47	2	15	26	10.23	23	38	53.1	Mu.	174	14	
	7.8	49.33	1			10.38			49.4	Tr.	239	22	
12963	9	48.47	2	15	26	11.86	24	35	51.7	Tr.	168	8	
12964	7	46.51	2	15	26	12.17	28	32	.... [8]	Tr.	33	7	[8] Decl. changed four wire intervals south.
	7	46.48	3			12.28			34.2	Mu.	27	13	
	7	47.44	1			12.37			37.2	Mu.	117	36	
12965	9	52.38	5	15	26	17.71	20	33	6.3 [9]	Tr.	277	10	[9] One transit thread rejected; Decl. = 32′ 55″.9.
12966	8	48.46	4	15	26	19.32	25	13	38.1	Tr.	166	10	
	7.8	48.40	4			19.41			35.5	Mu.	165	57	
	7.8	49.36	2			19.48 [10]			37.6	Mu.	254	47	[10] R. A. increased 1 min. One of three threads rejected; R. A. = $18^{s}.26$.
12967	9	48.40	3	15	26	24.24	25	58	36.2	Mer.	124	78	
12968	10	46.40	2	15	26	26.93	38	20	25.6	Tr.	23	9	
12969	10.9	49.33	2	15	26	27.25	21	38	7.4	Mu.	253	30	
12970	9.10	49.47	2	15	26	30... [11]	20	30	5.5	Mu.	260	13	[11] Separate threads give $30^{s}.70$, $29^{s}.81$.
	8	52.38	5			30.24			4.8	Tr.	277	11	
12971	9	46.38	2	15	26	36.30 [12]	27	41	60.4	Mer.	18	5	[12] Ya gives $38^{s}.2$. AW gives $38^{s}.1$.
	9	46.42	2			38.61			57.2	Mer.	25	44	
12972	9	52.38	5	15	26	39.37	19	1	41.9	Mer.	248	21	
12973	8.9	49.36	1	15	26	40.60	25	47	49.0	Mu.	254	48	
	9	48.43	3			41.39			....	Tr.	164	8	
	9.10	48.42	3			41.41			47.0	Mu.	167	19	
	7	48.40	2			41.48			42.4	Mer.	124	79	
12974	9	47.32	2	15	26	41.95 [13]	29	4	7.4	Mer.	97	72	[13] R. A. increased 2 min.
	9	46.34	1			41.96			8.9	Tr.	17	49	
	9	46.34	7			42.00			7.9	Mer.	15	90	
12975	9	48.40	1	15	26	42.78	24	38	36.7	Mu.	165	58	
12976	9	46.39	3	15	26	45.07	40	33	25.9	Mer.	21	9	
	9	46.26	2			45.23 [14]			23.6 [15]	Mer.	2	7	[14] One thread increased 10 sec.
	8	46.30	1			45.38			21.4	Mer.	11	104	[15] Decl. changed one rev. south.
12977	5	46.46	4	15	26	47.26	32	35	16.2	Mu.	23	18	
	5	46.46	4			47.93			16.0	Mu.	25	1	
12978	8	49.47	3	15	26	53.67	22	51	.... [16]	Mer.	184	13	[16] Decl. changed one wire interval north.
12979	10	47.44	2	15	27	3... [17]	30	4	21.5	Mer.	190	18	[17] Separate threads give $2^{s}.89$, $3^{s}.64$.
	8	46.38	1			3.52			25.7	Mu.	13	34	
12980	6	46.51	2	15	27	4.06	28	29	....	Tr.	33	8	
	8	47.40	3			4.14			41.3	Mer.	189	8	
	8	47.38	2			4.19			39.8	Tr.	118	31	
	6	46.48	4			4.21			41.1	Mu.	27	14	
	6	47.44	2			4.21			42.1	Mu.	117	37	
12981	9	46.46	2	15	27	8.44	37	40	34.6	Mu.	24	11	
	9	46.40	3			8.67			34.2	Mu.	17	42	
12982	7	46.30	1	15	27	11.57	40	30	56.4	Mer.	11	105	
	9	46.39	2			12.01			61.5	Mer.	21	10	
	9	46.26	2			12.48			55.8	Mer.	2	8	
12983	10	46.38	2	15	27	20.38	34	11	32.1	Tr.	19	36	
12984	10	46.46	2	15	27	21.29	32	7	54.9	Tr.	28	18	
12985	8	49.46	3	15	27	23.93	21	14	21.9	Mu.	256	34	
12986	9	47.40	1	15	27	35.69	28	20	39.5 [18]	Mer.	189	9	[18] Decl. changed one rev. north. If micrometer reading be assumed as 49.998 instead of 49.498 rev., as recorded, Decl. = 56″.7. AW gives 52″. GZ gives 54″.
12987	9	46.34	3	15	27	38.13	28	41	30.0	Mer.	15	91	
12988	9	48.47	2	15	27	44.06	23	29	34.1 [19]	Mu.	174	15	
	9	48.48	3			44.19			34.8	Mu.	175	12	
12989	9	46.29	1	15	27	44.79	38	35	17.1	Tr.	8	26	[19] Decl. changed one rev. south.
	9	46.39	3			44.87			....	Tr.	21	9	
	9	46.40	2			44.93			17.6	Tr.	23	10	
	8	46.46	1			45.16			18.3	Tr.	29	1	
	8	46.39	1			45.39			20.2	Mu.	15	31	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
12990	9	48.48	2	15	27	46. . . [1]	23	33	32.6	Mu.	175	13	[1] Separate threads give 46^s.40, 47^s.39.
	9	48.47	3			46.76			29.1	Mu.	174	16	
	8	49.33	1			46.98			27.6	Tr.	239	23	
2991	5.6	47.38	3	15	27	55.67	27	37	53.9	Mer.	188	51	
	5	46.38	3			55.73			62.5	Mer.	18	6	
	3.4	47.27	5			55.81			60.2	Mu.	106	10	
	4.5	46 42	4			55.89			84.5 [2]	Mer.	25	45	[2] If micrometer reading be assumed as 46.63 instead of 46.03 rev., as recorded, Decl.= 63″.8.
12992	8	46.39	1	15	27	56.91	38	45	57.8	Mu.	15	32	
12993	7	46.42	2	15	27	57.00	31	33	18.2	Mu.	19	56	
12994	5	46.38	6	15	27	58.34	42	4	13.0	Mer.	19	21	
12995	9	46.26	2	15	28	4.00	39	36	33.2	Mu.	1	20	
12996	9	48.40	1	15	28	4.66 [3]	25	21	40.2	Mu.	165	59	[3] R. A. increased one thread interval.
	9	49.36	1			4.74			41.2	Mu.	254	49	
	8	48.46	2			4.88			40.4	Tr.	166	11	
12997	7	48.34	2	15	28	7.08	25	59	25.3	Tr.	163	19	
	7.8	48.43	4			7.08			28.3	Mu.	169	20	
	8	47.46	5			7.08			29.6	Mer.	191	14	
	8	47.34	3			7.09			33.9	Mer.	98	70	
	8	48.42	3			7.15			29.1	Mu.	167	20	
	6	48.40	1			7.28			25.9	Mer.	124	80	
12998	9	49.33	2	15	28	7.45	23	48	48.5	Tr.	239	24	
12999	8.9	46.30	2	15	28	7.89 [4]	41	3	40.9	Mer.	13	61	[4] One of three threads rejected; R. A.=8^s.98.
	7.8	46.46	5			7.98			38.1 [5]	Mer.	26	25	[5] Decl. changed one wire interval south
13000	9	46.26	3	15	28	8. . . [6]	39	21	35.6	Mu.	1	21	[6] Separate threads give 6^s.64, 7^s.81, 8^s.85. Gou gives 8^s.6. GZ gives 8^s.7.
13001	7	46.42	2	15	28	8.41	31	1	26.5	Mu.	19	57	
	8	47.46	3			8.89			29.3	Mu.	120	13	
	8	47.48	2			9.34			26.3	Mer.	192	14	
13002	9	46.46	1	15	28	10.86	38	27	4.8	Tr.	29	2	
13003	8.9	46.34	1	15	28	14.76	28	48	38.1	Mer.	15	92	
13004	9	51.43	5	15	28	27.56	20	45	46.4	Mer.	241	2	
13005	5.6	48.34	2	15	28	28.68	25	46	49.8	Tr.	163	20	
	7	48.42	4			28.99			44.4 [7]	Mu.	167	21	[7] Decl. changed one rev. south.
	5	49 36	1			29.13			47.1	Mu.	254	50	
	8	48.43	3			29.32			. . . .	Tr.	164	9	
	6	48.40	2			29.74			41.6	Mer.	124	81	
13006	8	47.48	1	15	28	34.49	30	45	9.9	Mer.	192	15	
	7	47.46	3			34.53			8.2	Mu.	120	14	
	9	46.38	7			34.61			4.2	Tr.	18	10	
13007	10	46.46	1	15	28	34.66	33	46	13.1	Mu.	22	13 [8]	[8] With Mu. 22, No. 12, "coarse double." Unidentified. Looked for with equatorial but not found. An equatorial comparison with Gou 21172=Mu. 22, No. 12, gives a star at 31^s.8, 45′ 45″.
13008	10	49.47	2	15	28	34.91	20	55	2.7	Mu.	260	14	
	10	49.46	2			34.92			3.5	Mu.	256	35	
	. .	51.43	5			35.16			7.2	Mer.	241	3	
13009	9	46.46	4	15	28	40.11	33	47	7.3	Mu.	22	12	
13010	9	48.43	2	15	28	40.98	26	7	10.1	Mu.	169	21	
	9	46.48	4			40.99			2.3 [9]	Mer.	31	13	[9] If micrometer reading be assumed as 39.336 instead of 39.536 rev., as recorded, Decl.= 9″.2. AW gives 9″. GZ gives 12″.
	9	47.46	2			41.06			14.5	Mer.	191	15	
13011	6	46.39	1	15	28	41.95	38	39	41.8	Mu.	15	33	
	8	46.39	3			42.04 [10]			. . . .	Tr.	21	10	[10] R. A. decreased one thread interval.
	6	46.29	1			42.30			41.2	Tr.	8	27	
13012	5	49.33	3	15	28	45.86	21	37	2.6	Mu.	253	31	
13013	5.6	46.46	1	15	28	51.16	38	37	52.2	Tr.	29	3	
	6	46.29	L			51.60			50.9	Tr.	8	28	
	6	46.39	1			51.96			50.9	Mu.	15	34	
13014	4	49.47	6	15	28	59.46	22	38	. . . .	Mer.	184	14	
13015	9.10	49.46	1	15	29	7.94	21	6	23.0	Mu.	256	36	
13016	10	52.48	5	15	29	8.67	19	29	. . . .	Tr.	281	18	
13017	6	47.27	2	15	29	9.14	27	42	28.5	Mu.	106	11	
	6.7	47.44	2			9.19			27.3	Mu.	117	38	
	7.8	46.38	5			9.28			28.8	Mer.	18	7	
	7	46.42	3			9.30 [11]			33.9	Mer.	25	46	[11] R. A. decreased one thread interval.
	8	47.38	2			9.92			29.8	Mer.	188	52	
13018	9	46.34	1	15	29	10.49	29	5	51.8	Tr.	17	50	
	8	46.48	3			10.51			50.2	Mu.	27	15	
	9	46.34	3			10.55 [12]			48.3	Mer.	15	93	[12] R. A. decreased 1 min.
13019	9	52.48	5	15	29	23.56	19	14	. . . .	Tr.	281	19	
13020	5	46.34	1	15	29	27.13 [13]	29	16	46.6	Mer.	15	94	[13] R. A. decreased 1 min.
	3.4	46.29	6			27.18 [14]			46.4 [15]	Mer.	9	1	[14] R. A. decreased 1 min.
	4	47.32	6			27.33			47.8	Mer.	97	73	[15] Decl. changed ten rev. south.
	5	46.34	2			27.34			45.5	Tr.	17	51	
	5	46.48	4			27.39			48.8	Tr.	32	7	
13021	8	48.47	3	15	29	28.12	24	9	29.7	Tr.	168	9	
	8	49.33	2			28.13			29.3	Tr.	239	25	
	9	48.47	1			28.83			31.4	Mu.	174	17	
13022	9	52.38	5	15	29	29.75	20	51	54.1	Tr.	277	12	
13023	7	49.47	. .	15	29	33. . .	20	30	60.5	Mu.	260	15	
	6	52.38	5			33.51			57.6	Tr.	277	13	
	6	51.43	5			33.81			60.2 [16]	Mer.	241	4	[16] Decl. changed one wire interval south.
13024	9	46.39	7	15	29	36.11	41	5	36.4	Mer.	21	11	
	8	46.46	5			36.31			34.4	Mer.	26	26	
	8	46.30	7			36.35			48.4	Mer.	13	62	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
13025	8.9	46.50	5.	15	29	41.72	26	20	32.7	Mer.	33	1	
	8	47.46	1			41.72			33.5	Mer.	191	16	
	9	48.43	1			41.99			34.8	Mu.	169	22	
13026	8	48.40	3	15	29	43.90	25	48	4.2	Mer.	124	82	
13027	8.9	46.29	5	15	29	48.02	44	31	31.0	Mer.	5	40	
13028	7	52.48	5	15	29	48.81	19	24	....	Tr.	281	20	
	7	52.38	5			49.00			45.3	Mer.	248	22	
13029	8.9	49.46	2	15	29	50.26	21	6	9.1	Mu.	256	37	
13030	9	46.38	2	15	29	53.19	34	17	12.3	Tr.	19	37	
13031	7	49.47	2	15	29	56.08	22	33	....	Mer.	184	15	
13032	10	46.51	2	15	29	56.68	28	10	....	Tr.	33	9	
13033	7	52.48	5	15	30	2.83[1]	19	39	....	Tr.	281	21	[1] Separate threads give 2^{s}.27, 2^{s}.25, 2^{s}.97, 3^{s}.31, 3^{s}.35. CiZ gives 3^{s}.3.
13034	10	51.43	5	15	30	14.36	21	58	46.4	Tr.	263	29	
	7	51.46	5			14.47			41.8	Tr.	265	10	
	7	49.33	2			14.75			43.9	Mu.	253	32	
13035	6	46.46	4	15	30	15.16	33	55	4.7	Mu.	22	14	
13036	8	46.42	2	15	30	17. . .[2]	31	22	38.2	Mu.	19	58	[2] Separate threads give 17^{s}.28, 16^{s}.24. GZ gives 17^{s}.0.
13037	9	48.48	1	15	30	17.89	23	27	49.5	Mu.	175	14	
13038	9	46.46	1	15	30	20.78	38	12	53.8	Tr.	29	4	
	9	46.40	2			20.92			54.5	Tr.	23	11	
13039	8	46.38	1	15	30	21.69	34	9	44.6	Tr.	19	38	
13040	9	46.50	3	15	30	21.71	26	40	39.9	Mer.	33	2	
13041	..	52.48	5	15	30	22.09	19	14	....	Tr.	281	22	
	..	52.38	5			22.10			14.4[3]	Mer.	248	23	[3] Decl. changed one rev. north.
13042	9	47.40	1	15	30	24.00	28	0	43.5	Mer.	189	10	
	9	46.38	3			24.90			44.0	Mer.	18	8	
13043	8	47.47	1	15	30	28.30	29	47	33.8	Tr.	123	6[4]	[4] Unidentified. Looked for with equatorial but not found.
13044	9	47.46	1	15	30	28.64	30	26	37.4	Tr.	122	3	
	9	47.31	1			28.70			33.5	Mer.	96	4	
	10	47.44	3			28.88			35.6	Mer.	190	19	
13045	7	46.46	5	15	30	28.98	41	27	5.2	Mer.	26	27	
	9	46.30	3			29.01			2.3	Mer.	13	63	
13046	8	46.42	1	15	30	30.86	27	8	61.1	Mer.	25	47	
	8	48.46	5			31.38			58.2	Mu.	172	26	
	8	47.44	1			31.47			56.9	Tr.	121	8	
	7	47.27	1			31.49			56.5	Mu.	106	12	
13047	5	49.47	2	15	30	32.50	22	39	....	Mer.	184	16	
13048	9	48.46	4	15	30	39.04	24	52	6.0	Tr.	166	12	
13049	9	47.48	2	15	30	41.22[5]	30	53	33.2	Mer.	192	16	[5] R. A. increased 1 min. Separate threads give 41^{s}.57, 40^{s}.86.
	8	47.46	1			41.24			31.3	Mu.	120	15	
13050	9	47.32	1	15	30	42.22[6]	29	15	10.4	Mer.	97	74	[6] R. A. decreased one thread interval.
	9	46.34	1			42.26			15.5	Tr.	17	52	
	8.9	46.34	2			42.48			12.8	Mer.	15	95	
13051	9	48.48	1	15	30	43.80	23	18	24.3	Mu.	175	15	
13052	9	48.48	1	15	30	51.44	23	13	48.0	Mu.	175	16	
13053	9.10	46.50	1	15	30	54.72[7]	30	14	32.9	Mu.	28	1	[7] "Too faint for transit."
	10	47.46	1			55.17			32.8	Tr.	122	4	
13054	..	46.48	1	15	30	55.79	28	44	....	Mu.	27	16	
13055	9	49.47	2	15	30	57. . .[8]	20	31	27.7	Mu.	260	16	[8] Separate threads give 57^{s}.59, 58^{s}.43.
	8	51.43	5			57.84			28.6[9]	Mer.	241	5	[9] Decl. changed three wire intervals north.
	8	52.38	5			57.99			28.6	Tr	277	14	
13056	7.8	47.48	2	15	30	57.81[10]	30	43	13.9	Mer.	192	17	[10] R. A. increased 1 min.
	7	47.46	2			57.99			12.7	Mu.	120	16	
	7	46.38	6			58.11			15.9	Tr.	18	11	
13057	7	49.47	1	15	31	0.49	22	58	....[11]	Mer	184	17	[11] Decl. changed one rev south.
13058	9	49.46	2	15	31	2.35[12]	19	38	21.7[13]	Mu.	255	1	[12] R A. decreased 1 min.
13059	9	47.32	2	15	31	8.08	29	28	27.5	Mer.	97	75	[13] Decl. changed one rev. north.
	9	47.29	1			8.27			32.2	Tr	110	16	
	9	46.34	1			8.37			31.8[14]	Tr.	17	53	[14] Decl. changed one rev. north.
	11	46.48	2			8.70			28.8[15]	Tr.	32	8	[15] Decl. changed one rev. north.
13060	8	46.26	5	15	31	10.48	39	29	26.0	Mu.	1	22	
13061	7	52.38	5	15	31	11.17	19	13	18.3	Mer	248	24	
	..	52.48	4			11.44			....	Tr.	281	24	
13062	8.9	46.34	3	15	31	12.11[16]	29	17	17.7	Mer.	15	96	[16] R. A. decreased 1 min.
13063	8	46.38	3	15	31	12.93	34	55	57.7	Mu.	14	42	
13064	..	53.48	5	15	31.	15.72	19	16	....	Tr.	281	23	
	6	52.38	4			15.73			26.1[17]	Mer.	248	25	[17] "Decl. observation bad."
13065	11	49.33	1	15	31	18.82	21	49	55.5	Mu.	253	34	
13066	10	49.33	1	15	31	19.55	21	54	55.0	Mu.	253	33	
13067	8	46.51	2	15	31	24.70	28	35	....	Tr.	33	10	
13068	8	48.48	3	15	31	25.43	23	19	33.6	Mu.	175	17	
	3	48.47	3			25.44			32.6	Mu.	174	18	
13069	9	46.46	3	15	31	32.66	41	33	6.6	Mer.	26	28	
13070	8	49.36	2	15	31	40.19	25	6	2.0	Mu.	254	51	
	8	48.46	4			40.32			5.7	Tr.	166	13	
	8.9	48.40	5			40.40			1.1	Mu.	165	60	
13071	9	51.43	3	15	31	42.01[18]	20	28	29.7	Mer.	241	6	[18] One of four threads rejected; R. A.=41^{s}.55.
13072	8.9	49.46	5	15	31	59.61	21	6	51.8	Mu.	256	38	
13073	8.9	47.46	2	15	32	7.74	30	42	14.3	Mu.	120	17	
	8	47.48	1			7.77			14.5	Mer.	192	18	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
13074	7	52.48	3	15	32	11.11[1]	19	23	....	Tr.	281	25	[1] One of four threads rejected; R. A. = $9^{s}.63$.
13075	9	46.42	1	15	32	18.28	27	19	40.6[2]	Mer.	25	48	[2] Decl. changed one rev. north.
13076	8	46.38	2	15	32	20.20	34	24	0.1[3]	Tr.	19	39	[3] Decl. changed one rev. south.
13077	7	46.48	2	15	32	21.49	28	48	36.9[4]	Mu.	27	17	[4] Decl. changed one rev. south.
	8	46.40	1			21.59			38.5	Mer.	22	3	
	7.8	46.34	2			21.78			39.0	Mer.	15	97	
	8	47.29	2			22.14			....	Mer.	94	5	
13078	8	49.33	2	15	32	21.69	23	54	37.7	Tr.	239	26	
13079	7	46.42	3	15	32	23.81	31	21	27.8	Mu.	19	59	
13080	7	46.51	2	15	32	25.64	28	41	....	Tr.	33	11	
	8.9	46.40	1			26.56			50.5	Mer.	22	4	
	8	47.29	3			26.78[5]			....	Mer.	94	6	[5] Minute assumed.
	7	46.48	4			26.83			50.6	Mu.	27	18	
	7.8	46.34	1			26.94			51.9[6]	Mer.	15	98	[6] Decl. changed one wire interval north.
13081	8	47.44	7	15	32	39.88	29	39	32.4	Mer.	190	20	
	6.7	47.46	1			39.90			31.5	Tr.	122	5	
	8	46.29	7			39.91			29.1	Mer.	9	2	
	7.8	46.50	5			40.01			31.1	Mu.	28	2	
	8	46.34	2			40.08			30.7	Tr.	17	54	
	8	46.48	1			40.15			31.1	Tr.	32	9	
	8	47.29	2			40.40			30.5	Tr.	110	17	
	7.8	47.32	2			40.46			31.1	Mer.	97	76	
13082	10	47.47	2	15	32	42...[7]	30	14	17.3	Tr.	123	7	[7] Separate threads give $43^{s}.05$, $42^{s}.21$. GZ gives $42^{s}.8$.
	8	47.31	1			42.89			8.6	Mer.	96	5	
13083	9	48.42	3	15	32	49.03	25	39	44.7	Mu	167	22	
	9	49.36	2			49.29			45.3	Mu.	254	52	
	10	48.43	3			49.29			....	Tr.	164	10	
	9	48.40	3			49.42			43.9	Mer.	124	83	
13084	8.9	46.38	2	15	32	53.32	35	16	20.4	Mu.	14	43	
13085	8	46.29	5	15	32	54.18	36	56	....	Tr.	10	9	
	7	46.40	4			54.35			....	Tr.	22	4	
13086	9	47.44	2	15	32	59.23	28	24	1.1	Mu.	117	39	
	8	47.40	2			59.45			3.3[8]	Mer.	189	11	[8] Decl. changed one wire interval north.
13087	9	48.48	2	15	33	3.46	22	47	4.1	Mu.	175	18	
	6	49.47	3			3.55			....	Mer.	184	18	
13088	8	49.33	2	15	33	4.72	23	48	43.3	Tr.	239	27	
	9	48.47	3			5.07			45.7	Mu.	174	19	
13089	5.6	46.38	3	15	33	8.25	34	13	27.1	Tr.	19	40	
	7	46.46	4			8.56			26.6	Mu.	22	15	
13090	8	51.46	5	15	33	14.42	22	33	1.8	Tr.	264	12	
	7	49.47	3			14.75			....[9]	Mer.	184	19	[9] Decl. changed one wire interval north.
13091	7	46.42	2	15	33	17.91	31	42	0.8	Mu.	19	60	
13092	4	52.38	5	15	33	18.60	19	11	19.3	Mer.	248	26	
	5	52.48	5			18.65			....	Tr.	281	26	
13093	10	47.29	1	15	33	21.20[10]	28	54	....	Mer.	94	7	[10] R. A. decreased 1 min.
13094	8.9	49.46	4	15	33	24.46	21	24	45.8	Mu.	256	39	
13095	9	46.46	3	15	33	24.77[11]	34	12	39.9	Mu.	22	16	[11] Minute assumed. One of four threads rejected; R. A. = $25^{s}.94$.
13096	9	46.38	2	15	33	42...[12]	34	45	27.3	Mu.	14	44	
	10	46.38	1			42.13			28.8	Tr.	19	41	[12] R. A. increased one thread interval. Separate threads give $40^{s}.84$, $42^{s}.10$. GZ gives $42^{s}.1$.
13097	10	48.47	2	15	33	42.30	24	44	56.9	Tr.	168	10	
13098	10	52.48	4	15	33	45.27[13]	19	22	....	Tr.	281	27	
13099	9	46.30	3	15	33	50...[14]	41	31	41.3	Mer.	13	64	[13] One of five threads rejected; R. A. = $45^{s}.73$
	9	46.46	5			50.25			41.7	Mer.	26	29	[14] Separate threads give $50^{s}.02$, $49^{s}.39$, $50^{s}.48$.
13100	8	46.39	3	15	33	55.43	38	58	36.8	Mu.	15	35	
	10	46.39	4			55.61			....	Tr.	21	11	
13101	9	47.38	3	15	33	57.16	27	29	26.2	Mer.	188	53	
	9	46.42	1			57.35			30.6	Mer.	25	49	
	7	47.27	1			57.48			30.4	Mu.	106	14	
13102	8	46.30	3	15	33	57.90	32	55	23.8	Tr.	15	24	
13103	9	46.50	4	15	34	2.97	26	17	21.9	Mer.	33	3	
13104	8	47.27	1	15	34	4.80	27	39	54.5	Mu.	106	13	
	9	46.38	4			4.92			57.5	Mer	18	9	
	10	47.38	1			5.44[15]			62.3	Mer.	188	54	[15] R. A. decreased one thread interval.
13105	8	49.33	3	15	34	5.76	23	46	52.6	Tr.	239	28	
	9	48.47	2			5.92			54.6	Mu.	174	20	
13106	8	46.34	3	15	34	9.34	28	42	38.7	Mer.	15	99	
13107	8	47.44	3	15	34	9.47	30	3	2.8	Mer.	190	21	
	7	47.29	2			9.61			10.1	Tr.	110	18	
	8	46.50	2			9.87			6.8	Mu.	28	3	
	6	47.46	2			9.88			9.7	Tr.	122	6	
	7	47.31	1			9.90			7.5	Mer.	96	6	
13108	10	49.46	1	15	34	10.74	21	25	50.0	Mu.	256	40	
13109	9	49.46	5	15	34	11.42[16]	19	45	45.2	Mu.	255	2	[16] Minute assumed.
13110	7	48.46	4	15	34	13.35	24	55	51.2	Tr.	166	14	
	7.8	48.40	5			13.69			55.2	Mu.	165	61	
13111	10	47.46	2	15	34	14.67[17]	25	59	38.7	Mer.	191	17	[17] Separate threads give $15^{s}.04$, $14^{s}.30$.
	9.10	48.43	2			15.05			30.0	Mu.	169	23[18]	[18] "Too faint."
	10	48.43	2			15.13			....	Tr.	164	11	
	9	48.40	2			15.66			32.5	Mer.	124	84	
13112	7.8	46.30	4	15	34	16.56	41	20	12.8	Mer.	13	65	
	6.7	46.46	4			16.58			13.6	Mer.	26	30	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
13113	9	46.34	1	15	34	22.80	29	10	50.7	Tr.	17	55	
	8	46.34	2			22.83			51.7	Mer.	15	100	
13114	7	47.44	3	15	34	28.03	28	5	9.4	Mu.	117	40	
	8	47.40	4			28.20			6.6	Mer.	189	12	
13115	10	49.47	3	15	34	36.14	20	37	59.1	Mu.	260	17	
	8	51.43	5			36.68			50.4	Mer.	241	7	
13116	10	46.38	1	15	34	41.12	34	47	55.3	Tr.	19	42	
13117	9	47.46	2	15	34	41.65	30	34	29.5	Mu.	120	18	
13118	8	47.48	1	15	34	43.11	31	7	8.9	Mer.	192	19	
	9	46.38	4			43.14			11.4	Tr.	18	12	
	6	47.46	1			43.18			10.1	Mu.	120	19	
	4	46.42	2			43.35			7.2	Mu.	19	61	
13119	8	47.44	2	15	34	49. . .[1]	30	13	52.0	Mer.	190	22	[1] Separate threads give $50^{s}.09$, $48^{s}.85$. Gou gives $49^{s}.9$.
	7	47.46	1			49.70			50.4	Tr.	122	7	
	8	47.47	2			49.89			48.5	Tr.	123	8	
	7.8	46.50	2			49.89			53.0	Mu.	28	4	
	7	47.31	1			50.00			51.5	Mer.	96	7	
13120	9	46.51	2	15	34	58.38	28	21	....	Tr.	33	12	
13121	9	47.32	1	15	35	6.08	29	43	10.7	Mer.	97	77	
	8	46.34	2			6.44			9.9	Tr.	17	56	
13122	8	47.27	1	15	35	8.40	27	36	39.1	Mu.	106	15	
	9	46.52	1			8.71			41.4	Mu.	29	1	
13123	9	49.33	2	15	35	16.07	22	13	23.9	Mu.	253	35	
13124	9	48.40	1	15	35	21.26	25	29	51.6	Mer.	124	85	
13125	8	49.33	3	15	35	23.39	23	54	56.9	Tr.	239	29	
	9	48.47	3			23.56			55.7	Mu.	174	21	
13126	9	46.26	3	15	35	24.52[2]	39	17	41.3	Mu.	1	23	[2] "Time of transit doubtful."
13127	8	47.44	3	15	35	29.13	30	12	25.8	Mer.	190	23	
	7	47.46	1			29.17			28.7	Tr.	122	8	
	7.8	46.50	1			29.20			25.3	Mu.	28	5	
	7	47.31	1			29.40			26.0	Mer.	96	8	
13128	8	46.38	2	15	35	31.18	34	37	24.9	Tr.	19	43	
	8	46.38	4			31.23			21.7	Mu.	14	45	
13129	10	49.33	2	15	35	32.58	21	53	48.5	Mu.	253	36	
13130	9	52.48	5	15	35	33.38	19	18	....	Tr.	281	28	
	9	52.38	5			33.62			31.6	Mer.	248	27	
13131	11	46.30	3	15	35	37.44	33	0	16.3	Tr.	15	25	
13132	9	52.48	5	15	35	41.87	19	13	....	Tr.	281	29	
	9	52.38	5			42.01			58.6	Mer.	248	28	
13133	8	47.40	3	15	36	3.44	28	3	13.5	Mer.	189	13	
	8.9	46.38	6			3.55			13.8	Mer.	18	10	
	7	46.51	3			3.65			....	Tr.	33	13	
	7	47.44	4			3.69			16.9	Mu.	117	41	
13134	10	47.48	2	15	36	6.76[3]	30	40	36.4	Mer.	192	20	[3] R. A. decreased 10 sec.
13135	9	49.46	5	15	36	10.79	21	20	12.6	Mu.	256	41	
13136	7	49.47	4	15	36	21.81	22	24	....[4]	Mer.	184	20	[4] Decl. changed ten rev. north.
13137	10	48.43	3	15	36	24.65	25	49	....	Tr.	164	12	
	9.10	48.42	3			24.83			15.9	Mu.	167	23	
	9	48.40	2			24.99			12.5	Mer.	124	86	
	10.9	49.36	1			25.00			18.9[5]	Mu.	254	53	[5] Decl. changed one rev. south.
13138	10	47.29	1	15	36	25.89[6]	28	44	....	Mer.	94	8	[6] R. A. decreased one thread interval.
	8.9	46.34	2			26.02[7]			36.4	Mer.	15	101	[7] One of three threads rejected; R. A.=$25^{s}.22$.
13139	9.10	46.46	1	15	36	29.27	33	41	....	Mu	22	17[8]	[8] "Too faint." Unidentified. Looked for with equatorial but not found. CPD—33°3945 precedes 50 sec. at the same Decl. CPD —33°3919 precedes 2 sec., 4′ or 5′ south.
13140	6	47.29	2	15	36	31.71	29	33	56.2	Tr.	110	19	
	7	46.29	5			31.72			50.9	Mer.	9	3	
	7	46.48	3			31.73			56.2	Tr.	32	10	
	5.6	47.32	3			31.76			52.6	Mer.	97	78	
	7	46.34	2			31.83			52.2	Tr.	17	57	
13141	10	46.34	1	15	36	36.44	29	23	13.9[9]	Tr.	17	58	[9] Decl. changed one rev. north.
13142	9	48.48	2	15	36	37.80[10]	23	1	53.8	Mu.	175	19	[10] One of three threads rejected; R. A.=$37^{s}.07$.
13143	10	47.29	1	15	36	46.89[11]	28	42	....	Mer.	94	9	[11] Minute assumed.
	8.9	46.34	4			47.34			18.9	Mer.	15	102	
13144	8	48.46	4	15	36	47.84	25	1	12.0	Tr.	166	15	
	8	48.40	5			48.07			12.4	Mu.	165	62	
13145	7.6	49.33	1	15	36	53.93	22	16	42.0	Mu.	253	37	
13146	8	48.47	4	15	36	54.65	24	14	24.2	Tr.	168	11	
13147	9	46.30	2	15	36	58. . .[12]	40	44	30.5	Mer.	11	106	[12] Separate threads give $57^{s}.78$, $58^{s}.63$.
	9	46.39	4			58.46			32.7	Mer.	21	12	
13148	8	49.33	2	15	36	58.58	24	5	2.2	Tr.	239	30	
13149	9	46.52	1	15	37	3.01[13]	27	35	51.1	Mu.	29	3	[13] R. A. decreased one thread interval.
13150	8.9	46.30	6	15	37	3.33	41	43	34.2	Mer.	13	66	
	7	46.38	4			3.40			31.9	Mer.	19	22	
	7.8	46.46	7			3.43			34.5	Mer.	26	31	
13151	7	46.38	3	15	37	5.29	27	35	11.9	Mer.	18	11	
	6	46.52	3			5.57			12.6	Mu.	29	2	
	7	46.42	3			5.70			13.2	Mer.	25	50	
	6	47.27	2			5.70			9.3	Mu.	106	16	
	..	47.38	5			5.76			....	Mer.	188	55	
13152	10	51.43	5	15	37	8.20	22	6	54.4	Tr.	263	30	
	9	51.46	5			8.25			56.2	Tr.	265	11	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
13153	7	46.46	1	15	37	9.35	34	12	31.7	Mu.	22	18	
	6	46.38	2			10.25			30.6	Tr.	19	44	
13154	9	46.26	3	15	37	17.84[1]	40	33	13.2	Mer.	2	9	[1] R. A. increased one thread interval. One of four threads rejected; R. A.=18^{s}.57.
	7.8	46.39	5			18.49			16.5	Mer.	21	13	
	7.8	46.30	4			18.60			15.1	Mer.	11	107	
13155	8	47.44	2	15	37	24. . .[2]	30	25	3.7	Mer.	190	24	[2] Separate threads give 25^{s}.23, 24^{s}.40.
	9	46.50	2			24.37			4.1	Mu.	28	6	
	9	47.48	2			24.48			9.6	Mer.	192	21	
	9	47.46	1			24.54			10.6	Tr.	122	9	
	8	47.46	2			24.61			4.6	Mu.	120	20	
	8	47.31	2			24.83			8.6[3]	Mer.	96	9	[3] Decl. changed one rev. south.
13156	8	46.38	5	15	37	26.60[4]	35	2	11.8	Mu.	14	46	[4] R. A. increased 1 min. One of six threads rejected; R. A.=27^{s}.58.
13157	8.9	46.38	5	15	37	28.73[5]	35	2	41.7	Mu.	14	47	
13158	9.10	48.47	2	15	37	28.82	23	34	12.3[6]	Mu.	174	22	[5] R. A. increased 1 min. One of six threads rejected; R. A. =29^{s}.64.
	9	49.33	1			28.96			8.9	Tr.	239	31	
13159	8	46.50	4	15	37	36.29	26	14	3.5[7]	Mer.	33	4	[6] Decl. changed five rev. north.
	9	48.43	3			36.40			2.9	Mu.	169	24	[7] Decl. changed one rev. north.
	9	46.48	6			36.40			3.5	Mer.	31	14	
	10	47.46	4			36.47[8]			1.0	Mer.	191	18	[8] One of five threads rejected, R. A.=37^{s} 83.
13160	7	46.46	4	15	37	45.76	37	26	8.7	Mu.	24	12	
13161	8	49.36	1	15	37	46.89	25	30	1.6	Mu.	254	54	
	9	48.34	2			47.81			0.0	Tr.	163	21	
13162	10	46.51	2	15	37	49.19	28	5	. . . .[9]	Tr.	33	14	[9] Decl. changed one wire interval south.
13163	10	46.46	3	15	37	50.24	32	8	. . . .	Tr.	30	1	
13164	9	48.40	1	15	37	51.09	24	46	11.7	Mu.	165	63	
	9	48.47	2			51.23			8.1[10]	Tr.	168	12	[10] Reduced for horizontal wire 10 instead of 1.
13165	9	47.44	2	15	37	52.24	30	19	38.8	Mer.	190	25	
13166	11	46.30	1	15	37	59.93[11]	32	59	47.5	Tr.	15	26	[11] R. A. decreased one thread interval.
13167	9	48.42	3	15	38	0.19	25	50	47.3	Mu.	167	24	
	10	48.43	2			0.23			. . . .	Tr.	164	13	
	7	48.40	2			0.38			45.4	Mer.	124	87	
13168	9.10	46.46	1	15	38	0.95	37	47	20.5	Mu.	24	13	
13169	8	49.36	1	15	38	1.65	25	28	4.4	Mu.	254	55	
13170	9	51.43	4	15	38	10.53	20	51	55.7	Mer.	241	9	
	9	52.38	5			10.75			57.5	Tr.	277	15	
13171	8	48.43	2	15	38	15.32	26	36	59.7	Mu.	169	25	
	8	47.46	1			15.41			59.8	Mer.	191	19	
	8	48.46	3			15.44			58.8	Mu.	172	27	
	9	47.44	2			15.46[12]			60.6	Tr.	121	9	[12] R. A. increased 1 min. One thread decreased 10 sec.
	7.8	46.50	4			15.48			61.6	Mer.	33	5	
13172	8	48.42	1	15	38	23.01	25	23	44.4	Mu.	167	25	
	8	48.46	2			23.24			50.5	Tr.	166	16	
	6	49.36	1			23.24			45.3	Mu.	254	56	
	7	48.34	2			23.53			46.4[13]	Tr.	163	22	[13] Decl. changed one wire interval north.
13173	7	46.46	4	15	38	23.40	32	39	47.1	Mu.	25	2	
13174	10	49.46	2	15	38	24.20	21	3	40.3	Mu.	256	42	
13175	9	46.34	4	15	38	28.79[14]	28	50	25.2	Mer.	15	103	[14] R. A. decreased one thread interval.
13176	11	46.30	1	15	38	34.76	33	1	33.7	Tr.	15	27	
13177	8	49.46	5	15	38	39.39	19	59	39.8	Mu.	255	3	
13178	9	46.50	4	15	38	43.90	26	30	23.5	Mer.	33	6	
13179	8	49.47	5	15	38	46.68	20	45	48.0	Mu.	260	18	
	8	51.43	4			46.73			48.7	Mer.	241	10	
	8	51.43	4			46.80			46.7	Mer.	241	8	
	8	52.38	5			46.94			49.5	Tr.	277	16	
13180	10	46.34	2	15	38	47.42	29	16	44.8	Tr.	17	59	
13181	7	48.43	2	15	38	54.27[15]	25	31	. . . .	Tr.	164	14	[15] Separate threads give 54^{s}.63, 53^{s}.92.
	5	49.36	2			54.82			2.0	Mu.	254	57	
	4	48.40	2			54.86			5.6	Mer.	124	88	
	7.8	48.42	1			55.09			2.1	Mu.	167	26	
13182	11	46.38	1	15	38	59.35	34	16	44.9	Tr.	19	45	
13183	9	46.46	1	15	38	59.73	33	55	52.7	Mu.	22	19	
13184	10	46.40	2	15	39	3.55	38	8	42.6	Tr.	23	12	
	8	46.46	2			3.82			42.1	Tr.	29	5	
13185	9	48.43	2	15	39	5. . .[16]	24	44	48.2	Mu.	170	1	[16] Separate threads give 6^{s}.52, 5^{s}.27. Gou gives 5^{s}.1.
	7	48.47	2			5.09			43.6	Tr.	168	13	
	7.8	48.40	4			5.45			45.8	Mu.	165	64	
13186	9	46.30	7	15	39	6.48	41	19	25.1	Mer.	13	67	
	8	46.46	7			6.64			27.8	Mer.	26	32	
13187	8	46.42	2	15	39	6.86	31	37	4.3	Mu.	19	62	
13188	9	52.38	5	15	39	10.57	19	14	0.5	Mer.	248	29	
13189	8	47.40	4	15	39	11.31[17]	28	19	9.6	Mer.	189	14	[17] One of five threads rejected; R. A.=12^{s}.04.
	7	47.44	4			11.46			12.3	Mu.	117	42	
	10	47.38	2			11.58			16.1	Tr.	118	32	
	7	46.51	2			11.64			. . . .	Tr.	33	15	
	7	46.38	6			11.71[18]			11.3	Mer.	18	12	[18] R. A. decreased 1 min.
	9	46.40	3			11.75			8.1	Mer.	22	5	
13190	9	49.47	2	15	39	17.25	22	53	. . . .	Mer.	184	22	
13191	9	49.47	2	15	39	17.71	22	54	. . . .	Mer.	184	23	
13192	9	46.34	1	15	39	21.79	29	32	45.5	Tr.	17	60	
13193	7	49.33	2	15	39	33.46	23	21	58.5	Tr.	239	32	
	7.8	48.48	4			33.61			58.1	Mu.	175	20	
	7	48.47	5			33.76			56.7	Mu.	174	23	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
13194	10	49.33	1	15	39	34.73	21	41	56.4	Mu.	253	38	
13195	9	47.44	2	15	39	35.93	27	6	57.6	Tr.	121	10	
	7	47.27	1			36.01			55.8	Mu.	106	17	
	8.9	46.42	2			36.04			54.6	Mer.	25	51	
	9	48.46	3			36.08			92.8[1]	Mu.	172	28	[1] If micrometer reading be assumed as 19.649 instead of 19.049 rev., as recorded, Decl. = 55″.1. Gou and GZ give 56″.
	9	46.52	2			36.31			55.7	Mu.	29	4	
13196	7	46.48	1	15	39	37.86	29	0	....	Mu.	27	19	
	7.8	46.34	6			38.10[2]			57.7	Mer.	15	104	[2] Four threads decreased 10 sec. each.
13197	9	46.50	4	15	39	39.10	26	43	32.5	Mer.	33	7	
13198	9	49.46	2	15	39	40.69	19	55	40.4	Mu.	255	4	
13199	9	46.38	4	15	39	46. . .[3]	42	11	4.9	Mer.	19	23	[3] "Too faint for good observation." Separate threads give $46^{s}.06$, $46^{s}.82$, $45^{s}.42$, $46^{s}.75$.
13200	8	47.32	1	15	39	56.20	29	44	42.0	Mer.	97	79	
	8	47.44	3			56.92			39.5[4]	Mer.	190	26	[4] Decl. changed one rev. south.
	8	46.50	4			57.00			37.7	Mu.	28	7	
	10	47.47	2			57.08[5]			42.3[6]	Tr.	123	9	[5] Minute assumed.
	9	47.29	2			57.09			35.6	Tr.	110	20	[6] Decl. changed one rev. south.
	9	47.46	1			57.11			37.1	Tr.	122	10	
	8	46.24	4			57.16			38.0	Mer.	9	4	
	8	46.34	1			57.22			36.5	Tr.	17	61	
	8	47.31	1			57.35			34.2	Mer.	96	10	
13201	9	48.48	1	15	39	57.77	23	13	4.2	Mu.	175	21	
13202	8	47.40	1	15	40	0.17	28	18	35.7	Mer.	189	15	
	9	46.51	1			0.33			....	Tr.	33	16	
13203	9.10	48.46	1	15	40	1.46	27	0	45.3	Mu.	172	29	
	9	47.44	1			1.49			48.3	Tr.	121	11	
13204	9	49.47	4	15	40	1.75	20	45	8.4	Mu.	260	19	
	8.9	51.43	5			1.81			9.6	Mer.	241	11	
	8	52.38	5			1.93			14.7	Tr.	277	17	
13205	8	47.48	3	15	40	9.28	30	36	27.9	Mer.	192	22	
	8	47.46	3			9.59			30.3	Mu.	120	21	
13206	9	47.48	2	15	40	11.39	30	47	45.9	Mer.	192	23	
13207	8	49.46	2	15	40	12.74	19	58	58.8[7]	Mu.	255	5	[7] Decl. changed one rev. north.
13208	8	46.46	4	15	40	15.76[8]	32	20	36.1	Mu.	25	3	[8] One of five threads rejected; R. A. = $14^{s}.41$.
	9	46.46	2			16.01[9]			....	Tr.	30	2	[9] R. A. decreased 1 min.
13209	9	48.43	2	15	40	15.90[10]	26	4	47.0	Mu.	169	26	[10] R. A. increased one thread interval.
	9	47.46	3			15.93			45.1	Mer.	191	20	
	8	48.40	2			16.03			43.8	Mer.	124	89	
13210	8	47.44	1	15	40	16.70	28	26	35.3	Mu.	117	43	
	8	47.40	1			16.90			32.1	Mer.	189	16	
13211	9	46.34	1	15	40	18.23	29	46	59.9	Tr.	17	62	
	9	47.44	3			19.02			64.6	Mer.	190	27	
	9	47.31	1			19.36			58.2[11]	Mer.	96	11	[11] Decl. changed one rev. south.
13212	9	49.33	1	15	40	19.87	21	50	10.9	Mu.	253	39	
	8	51.43	5			20.18			12.0	Tr.	263	31	
	11	51.46	5			20.28			10.8	Tr.	265	12	
13213	9	46.34	3	15	40	25.49	28	57	43.6	Mer.	15	105	
13214	8	47.44	1	15	40	31.16	28	26	33.9	Mu.	117	44	
	8	47.40	1			31.60			32.1	Mer.	189	17	
13215	8	52.38	5	15	40	40.27	19	49	13.3	Mer.	248	30	
	8	49.46	2			40.80[12]			14.0	Mu.	255	6	[12] Separate threads give $40^{s}.44$, $41^{s}.15$.
13216	8.9	46.42	2	15	40	43.13	27	24	49.5	Mer.	25	52	
	8	47.27	1			43.29			53.9	Mu.	106	18	
13217	9.10	49.46	1	15	40	53.02	20	0	7.1	Mu.	255	7	
13218	8	46.51	1	15	40	59.77	28	14	....	Tr.	33	17	
	8	47.44	1			59.84			30.4	Mu.	117	45	
	9	46.38	6			60.17			36.1[13]	Mer.	18	13	[13] Decl. changed ten rev. south.
13219	9	48.47	3	15	41	1.36	24	41	11.5	Tr.	168	14	
13220	9	46.34	3	15	41	9.17	28	57	3.5	Mer.	15	106	
13221	8.9	49.46	3	15	41	10.49	21	1	37.7	Mu.	256	43	
	8.9	49.47	3			10.76			38.5	Mu.	260	20	
13222	11	46.30	2	15	41	13.44	33	12	2.7	Tr.	15	28	
13223	10	46.38	2	15	41	18.20[14]	34	35	9.9	Tr.	19	46	[14] Minute assumed.
13224	8	47.31	2	15	41	24.12[15]	30	9	21.6	Mer.	96	12	[15] One of three threads rejected; R. A. = $23^{s}.17$.
	9	46.50	2			24.12			20.4	Mu.	28	8	
	10	47.46	1			24.57			17.7	Tr.	122	11	
13225	5	46.30	1	15	41	26.56	33	9	56.8	Tr.	15	29	
13226	5	48.40	3	15	41	32.68	25	49	36.6	Mer.	124	90	
	7	48.42	6			32.96			39.0	Mu.	167	27	
	8	48.43	3			33.09			....	Tr.	164	15	
	8	48.34	3			33.21[16]			37.8	Tr.	163	23	[16] R. A. decreased 5 min.
	6	49.36	1			33.21			49.6	Mu.	254	58	
13227	10	51.48	5	15	41	36.02	22	24	39.0	Tr.	266	1	
13228	8.9	48.43	3	15	41	36.47	26	4	8.6	Mu.	169	27	
	9	47.46	2			36.81[17]			7.7	Mer.	191	21	[17] One of three threads rejected; R. A. = $35^{s}.97$.
13229	9	46.34	3	15	41	39.13	29	2	39.1	Mer.	15	107	
13230	8.9	49.47	1	15	41	46.66	20	23	11.4	Mu.	260	21	
	7	51.43	5			46.72			12.8	Mer.	241	12	
	9	49.46	1			46.98			12.4	Mu.	255	8	[18] One of three threads rejected; R. A. = $46^{s}.13$.
13231	8	47.32	2	15	41	46.98[18]	29	37	15.7[19]	Mer.	97	80	[19] Decl. changed ten rev. south.
	8	46.34	1			47.27			15.3	Tr.	17	63	
13232													No star belongs to this number.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
13233	9	46.40	4	15	41	47.15	36	58	....[1]	Tr.	22	5	[1] Decl. changed one wire interval south.
13234	9	48.48	2	15	41	47.63	22	47	45.4	Mu.	175	22	
	7	51.48	5			47.64			47.9	Tr.	266	2	
	6	49.47	6			48.00			....	Mer.	184	24	
13235	9	48.47	2	15	41	50.07	23	32	34.1	Mu.	174	24	
	8	49.33	2			50.31			34.7	Tr.	239	33	
13236	9	47.48	2	15	41	51.94	31	2	56.4	Mer.	192	24	
	8	46.42	2			52.12			52.2	Mu.	19	63	
13237	9	46.52	7	15	41	55.79	42	7	59.8	Mer.	34	1	
13238	9	46.50	6	15	41	57.57	26	19	39.1	Mer.	33	8	
13239	6	48.42	1	15	41	57.62	25	17	22.5	Mu.	167	28	
	4	49.36	1			57.70			25.8	Mu.	254	59	
	5.6	48.46	5			57.87[2]			24.4	Tr.	166	17	[2] One thread increased 5 sec.
	3	48.40	7			58.40			25.0	Mu.	165	65	
13240	9	48.43	2	15	42	1.22	24	35	57.6	Mu.	170	2	
13241	9	46.46	2	15	42	4.84	32	13	....	Tr.	30	3	
	7	46.46	3			5.01			38.0	Mu.	25	4	
13242	8	47.31	1	15	42	12.77	30	14	44.5	Mer.	96	13	
	7	47.47	2			13.11[3]			30.2[4]	Tr.	123	10	[3] Minute assumed.
	8	46.50	3			13.52			40.1	Mu.	28	9	[4] Decl. changed one rev. north. If micrometer reading be assumed as 2.58 instead of 3.38 rev., as recorded, Decl.=40″.3.
	8	47.44	2			13.66			39.4[5]	Mer.	190	28	
	9	47.46	1			13.76			40.7	Tr.	122	12	
	7.8	47.46	1			14.02			37.9	Mu.	120	22	[5] Decl. changed one wire interval south.
13243	7	49.33	1	15	42	15.85	22	9	58.7	Mu.	253	40	
	8	51.43	5			15.94			62.3	Tr.	263	32	
	8	51.46	5			16.11			59.2	Tr.	265	13	
13244	9	46.39	1	15	42	20.74	39	3	26.4	Mu.	15	36	
	11	46.39	4			20.88			....	Tr.	21	12	
13245	9	51.43	5	15	42	23.19	20	31	11.6	Mer.	241	13	
13246	10	46.38	1	15	42	23.20	34	22	13.0	Tr.	19	47	
13247	9	52.38	5	15	42	23.86	19	32	59.5	Mer.	248	31	
13248	9	51.46	5	15	42	35.23	22	7	60.6	Tr.	265	14	
	10	51.43	5			35.40			59.8	Tr.	263	33	
	9	49.33	2			35.58			60.9	Mu.	253	41	
13249	9	46.51	2	15	42	37.22	28	17	....	Tr.	33	18	
13250	8	46.46	5	15	42	41.36	33	39	40.8	Mu.	22	20	
13251	8	49.46	2	15	42	46. . .[6]	20	7	47.1	Mu.	255	9	[6] Separate threads give $46^{s}.28$, $47^{s}.11$.
	9	48.49	3			46.64			....	Tr.	169	1	
13252	6	47.32	3	15	42	57.23	29	25	32.8	Mer.	97	81	
	5.6	46.29	7			57.71			....	Mer.	9	5	
	4	47.29	2			57.81			36.1	Tr.	110	21	
	6	46.34	1			58.04			35.7	Tr.	17	64	
	8	46.48	3			58.05			35.3	Tr.	32	11	
13253	8	49.36	1	15	43	0.23	25	39	59.5	Mu.	254	60	
	4	48.40	2			0.81			56.8	Mer.	124	91	
13254	7.8	46.48	6	15	43	0.71	26	3	58.4	Mer.	31	15	
	8	48.43	4			0.95			60.1	Mu.	169	28	
	8	48.34	2			1.00[7]			63.3	Tr.	163	24	[7] R. A. increased 5 min.
	8	47.46	1			1.08			58.3	Mer.	191	22	
13255	9	46.40	5	15	43	3.74	36	56	....	Tr.	22	6	
13256	9	46.34	2	15	43	6.82	29	4	29.3	Mer.	15	108	
13257	10	48.47	2	15	43	19.91	24	31	44.5	Tr.	168	15	
13258	8.9	49.46	3	15	43	21.91	21	13	34.7	Mu.	256	44	
13259	9	46.34	3	15	43	23.45	28	58	16.0	Mer.	15	109	
13260	9	46.50	4	15	43	27.46[8]	26	38	45.5	Mer.	33	9	[8] First two threads decreased 1 sec. each. See note on No. 13263_1.
13261	9	47.32	1	15	43	35.88	29	24	30.3	Mer.	97	82	
13262	10	48.43	1	15	43	36.40	24	33	39.1	Mu.	170	3	
13263	9	46.50	3	15	43	36.76[9]	26	38	6.6	Mer.	33	10	[9] First thread decreased 1 sec. See note on No. 13260.
	9	48.46	2			36.84			6.5	Mu.	172	30	
	9	47.46	1			36.90			10.9	Mer.	191	23	
	9	48.43	1			36.94			10.8	Mu.	169	29	
	9	47.44	2			37.02			8.6	Tr.	121	12	
	9	46.48	3			37.02			6.7	Mer.	31	16	
13264	9	47.32	1	15	43	39.89[10]	29	23	13.7	Mer.	97	83	[10] Minute assumed.
	9	46.34	1			40.28			16.5	Tr.	17	65	
13265	10	46.38	1	15	43	43.48	34	43	34.5	Tr.	19	48	
13266	10.9	49.36	1	15	43	46.68	25	36	49.0	Mu.	254	61	
	8	48.40	1			46.70			45.9	Mer.	124	92	
13267	7	47.47	1	15	43	52.29	30	19	26.6	Tr.	123	11	
	7	47.46	2			52.74			28.0	Mu.	120	23	
	7	46.50	5			52.88			25.9	Mu.	28	10	
	7	47.44	4			52.90			27.0	Mer.	190	29	
	8	47.48	6			52.99			28.9	Mer.	192	25	
	6	47.31	2			53.00			23.2	Mer.	96	14	
	8.7	47.46	2			53.16			26.3	Tr.	122	13	
13268	8	46.42	2	15	44	4.28	31	10	50.4	Mu.	19	64	
13269	8	46.51	2	15	44	13.02	28	32	....	Tr.	33	19	
	7.8	47.44	2			13.13			3.2	Mu.	117	46	
13270	9	46.39	3	15	44	15.21	40	40	22.5	Mer.	21	14	
	7.8	46.30	3			15.26			26.4	Mer.	11	108	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
13271	7.8	46.30	2	15	44	17.35	40	43	21.5	Mer.	11	109	
	9	46.39	3			17.58			19.6	Mer.	21	15	
13272	8.9	47.27	2	15	44	19.61	27	14	16.5	Mu.	106	19	
	9	47.44	1			19.77			18.2	Tr.	121	13	
	8	46.42	2			19.78			20.6	Mer.	25	53	
13273	9	49.46	3	15	44	33.85	21	31	5.3	Mu.	256	45	
	8	49.33	2			34.27			5.6	Mu.	253	42	
13274	6	48.46	6	15	44	36.89	24	52	28.1	Tr.	166	18	
	4	48.40	7			37.36			29.1	Mu.	165	66	
13275	5	52.38	5	15	44	38.02	19	42	49.8	Mer.	248	32	
	5	49.46	5			38.14			50.0	Mu.	255	10	
	4	48.49	2			38.47			.... [1]	Tr.	169	2	[1] Decl. changed one rev. north.
13276	9	46.38	2	15	44	41.69	35	9	16.6 [2]	Mu.	14	48	[2] "Micrometer reading doubtful."
13277	9.10	49.46	1	15	44	46.14	21	18	5.4	Mu.	256	46	
13278	9	46.46	1	15	44	47.81 [3]	33	36	33.3	Mu.	22	21	[3] R. A. decreased 10 sec.
13279	5	48.43	1	15	44	56.84	24	4	53.8	Mu.	170	4	
	7	48.47	5			56.85			53.0	Mu.	174	25	
13280	9.10	49.46	..	15	44	59...	21	17	10.6	Mu.	256	47	
13281	9	46.46	2	15	45	0.61	38	29	48.2	Tr.	29	6	
13282	7	48.48	4	15	45	0.60	23	31	35.9	Mu.	175	23	
	7	48.47	1			0.69			34.3	Mu.	174	26	
	7	49.33	4			0.81			33.8	Tr.	239	34	
13283	8.9	46.52	6	15	45	1.80	42	9	19.2	Mer.	34	2	
	8	46.38	4			1.81			18.3	Mer.	19	24	
13284	11	46.40	1	15	45	4.77	37	3	....	Tr.	22	7	
13285	9	46.52	7	15	45	5.11	42	4	22.3	Mer.	34	3	
13286	8	47.31	1	15	45	7.76	29	58	21.4	Mer.	96	15	
	9	47.29	2			8.02			22.9	Tr.	110	22	
	9	47.46	1			8.08			21.2	Tr.	122	14	
	8	47.44	3			8.23			22.3	Mer.	190	30	
13287	9	49.46	1	15	45	9.92	19	51	52.5	Mu.	255	11	
13288	9	46.46	7	15	45	12.81	41	28	37.7	Mer.	26	33	
13289	8	46.42	2	15	45	17.83	27	6	42.3	Mer.	25	54	
13290	9	46.34	3	15	45	19.22	28	42	6.8	Mer.	15	110	
13291	9	46.26	2	15	45	19.49 [4]	39	7	24.5	Mu.	1	24	[4] "Very faint." Separate threads give $19^{s}.88$, $19^{s}.09$.
13292	7.8	47.44	2	15	45	22.40	26	53	20.6	Tr.	121	14	
	7	48.46	4			22.75			16.7	Mu.	172	31	
13293	11	49.33	1	15	45	22.91	21	54	21.6	Mu.	253	43	
13294	9	46.38	5	15	45	22.99	27	39	47.0	Mer.	18	14	
13295	9	47.38	3	15	45	24.78	27	27	12.5	Mer.	188	56 [5]	[5] Unidentified. Looked for with equatorial but not found.
13296	9	47.46	3	15	45	26.72	26	38	40.1	Mer.	191	24	
	9	48.46	1			26.75			36.4	Mu.	172	32	
	9	48.43	2			26.90			38.8	Mu.	169	30	
	8.9	46.50	5			26.90			36.9	Mer.	33	11	
13297	8	49.36	1	15	45	38.12	25	33	41.8	Mu.	254	62	
13298	6	48.46	1	15	45	39.28	24	47	37.2	Tr.	166	19	
	6.7	48.47	3			39.68			43.3	Tr.	168	16	
	7.8	48.40	3			39.85			38.0 [6]	Mu.	165	67	[6] Decl. changed five rev. south.
13299	10	49.47	2	15	45	39.75 [7]	21	6	56.9	Tr.	244	1	[7] R. A. increased one thread interval.
13300	8.9	46.42	1	15	45	52.33	27	27	17.8	Mer.	25	55	
	8	46.52	4			52.69			17.6	Mu.	29	5	
	8	47.27	1			52.97			18.2	Mu.	106	20	
13301	9	46.30	2	15	46	0.11	40	15	26.6	Mer.	11	110	
13302	9.10	49.46	1	15	46	4.03	20	22	16.0	Mu.	255	12	
	8	51.43	4			4.14 [8]			10.5	Mer.	241	14	[8] One of five threads rejected; R. A. $=4^{s}.51$.
	9.10	49.47	4			4.28			15.6	Mu.	260	22	
	10	48.49	1			4.73			....	Tr.	169	3	
13303	8	46.26	3	15	46	5.41	39	25	2.2	Tr.	3	1	
13304	7	47.46	5	15	46	7.94	30	38	18.6	Mu.	120	24	
	7	46.38	4			8.10			19.7	Tr.	18	13	
	7	47.48	1			8.24			20.9	Tr.	124	1	
	7.8	47.48	5			8.27			19.0	Mer.	192	26	
13305	8	46.38	2	15	46	9.32	35	13	48.6	Mu.	14	49	
13306	9	48.43	3	15	46	10.31	25	20	....	Tr.	164	16	
	9	48.42	3			10.47			0.1	Mu.	167	29	
	7	49.36	1			10.75			2.4	Mu.	254	63	
13307	9	49.33	3	15	46	15.76	23	53	34.9	Tr.	239	35	
13308	10	46.46	1	15	46	16.37	38	23	56.1	Tr.	29	7	
13309	8	46.48	2	15	46	16... [9]	28	44	38.0	Mu.	27	20	[9] Separate threads give $16^{s}.81$, $17^{s}.79$.
	8	46.40	2			16.85			40.1	Mer.	22	6	
	7.8	46.34	4			16.87			37.7 [10]	Mer.	15	111	[10] Decl. changed ten rev. south.
13310	9.10	49.46	1	15	46	19.05	20	20	43.0	Mu.	255	13	
	9.10	49.47	3			19.18			42.8	Mu.	260	23	
	8	51.43	5			19.32			44.4	Mer.	241	15	
13311	7	49.47	2	15	46	24.23	22	55	....	Mer.	184	25	
	9	48.48	2			24.29			19.5	Mu.	175	24	
13312	9	48.46	2	15	46	24.55	24	13	28.5	Mer.	128	1	
13313	9	46.50	1	15	46	25.39 [11]	29	53	36.9	Mu.	28	11	[11] "Time of transit doubtful."
	10	47.44	3			26.61			40.8	Mer.	190	31	
13314	5	48.34	6	15	46	26.52	25	49	12.4	Tr.	163	25	
	4	48.40	3			26.77			6.5	Mer.	124	93	
13315	7.8	46.38	6	15	46	33.15	27	54	52.8	Mer.	18	15	
	7.8	47.44	4			33.23			52.1	Mu.	117	47	
	..	47.40	3			33.40			47.8	Mer.	189	18	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
13316	7.8	46.50	5	15	46	36.42	26	17	53.3	Mer.	33	12	
	8	47.46	4			36.43			56.4	Mer.	191	25	
	8.9	48.43	4			36.49			55.2	Mu.	169	31	
	7.8	46.48	6			36.64			53.2	Mer.	31	17	
13317	9	47.38	1	15	46	37.52	27	30	21.1	Mer.	188	57	
	8	46.52	3			37.73			24.4	Mu.	29	6	
	8	46.42	2			37.88			17.6	Mer.	25	56	
	8.9	47.27	1			38.32			24.9	Mu.	106	21	
13318	4	46.42	4	15	46	48.22	31	20	31.2	Mu.	19	65	
13319	9	46.38	2	15	46	50.48[1]	34	52	54.9	Tr.	19	49	[1] One thread assumed as $31^{s}.8$ instead of $34^{s}.8$ as recorded.
13320	10	46.51	2	15	46	53.40	28	25	....	Tr.	33	20	
13321	10	47.46	2	15	46	53.96[2]	26	19	30.3	Mer.	191	26	[2] R. A. increased 1 min.
13322	9	46.50	3	15	46	54.29	26	31	1.1	Mer.	33	13	
13323	8	52.38	5	15	47	1.65	20	30	2.9	Tr.	277	18	
13324	6	48.40	1	15	47	2.50	25	29	25.5	Mer.	124	94	
	8	48.43	3			2.51			....	Tr.	164	17	
	8.9	48.42	2			2.62			24.2	Mu.	167	30	
	6	49.36	1			3.11			25.3	Mu.	254	64	
13325	9	46.46	2	15	47	6.05	33	59	16.6[3]	Mu.	22	22	[3] Decl. changed one rev. north.
13326	9	48.42	1	15	47	10.61	25	21	37.9	Mu.	167	31	
	8	49.36	1			10.79			38.3	Mu.	254	65	
	6	48.40	1			10.97			37.1	Mer.	124	95	
13327	9	46.46	5	15	47	11.71	41	21	19.0	Mer.	26	34	
13328	9	48.48	1	15	47	13.40	23	26	56.3	Mu.	175	26	
	9.10	48.47	2			13.90			53.3	Mu.	174	27	
13329	9	47.27	1	15	47	14.52	27	36	33.4	Mu.	106	22	
13330	10	47.47	1	15	47	14.69	30	11	9.9	Tr.	123	12	
	10	47.48	1			14.82			6.7	Tr.	124	2	
13331	9	48.48	3	15	47	15.02	23	1	56.1	Mu.	175	25	
	7	49.47	2			15.15			....[4]	Mer.	184	26	[4] Decl. changed one rev. south.
13332	9	49.46	3	15	47	17.06	21	4	51.6	Mu.	256	48	
	9	49.47	3			17.37[5]			52.0	Tr.	244	2	[5] R. A. increased one thread interval.
13333	7	46.46	2	15	47	18.31	33	31	18.9	Mu.	22	23	
	7	46.30	3			18.69			15.9	Tr.	15	30	
13334	8	46.46	1	15	47	18.63[6]	33	31	....	Mu.	22	24	[6] Gou gives $19^{s}.5$.
	7	46.30	1			19.47			12.4	Tr.	15	31	
13335	9	46.29	4	15	47	21.94	35	29	5.2	Tr.	12	13	
13336	9	46.52	7	15	47	27.96	42	10	29.0	Mer.	34	4	
13337	8	46.29	1	15	47	36.97	35	44	37.3	Tr.	12	14	
13338	9	49.47	2	15	47	37.14	20	19	55.7	Mu.	260	24	
	8.9	49.46	4			37.31			55.3	Mu.	255	14	
	10	48.49	2			37.51			....[7]	Tr.	169	4	[7] Decl. changed one rev. north.
13339	3.4	47.29	2	15	47	37.72[8]	28	46	....	Mer.	94	10	[8] Two of four threads rejected; R. A. $= 38^{s}.57$, $36^{s}.56$.
	5	46.34	4			37.72			17.0[9]	Mer.	15	112	
	5	46.40	3			37.87			13.2	Mer.	22	7	[9] Decl. changed ten rev. south.
	4	46.48	5			38.12			16.5	Mu.	27	21	
13340	9	47.46	1	15	47	38.03	30	30	30.2	Mu.	120	25	
	9	47.48	4			38.28			29.9	Mer.	192	27	
13341	9.10	49.33	2	15	47	40.42	23	53	39.0	Tr.	239	36	
13342	9	46.34	3	15	47	40.83[10]	28	42	49.0	Mer.	15	113	[10] Three threads decreased one thread interval each. One of four threads rejected; R. A. $= 39^{s}.96$.
13343	9	46.50	3	15	47	42.04	26	20	37.8	Mer.	33	14	
13344	10	47.44	2	15	47	45.76	30	16	53.8	Mer.	190	32	
13345	10.9	49.47	1	15	47	51.41	21	35	3.2	Mu.	257	1	
	8	49.33	2			51.85[11]			5.2	Mu.	253	44	[11] R. A. increased 1 min.
13346	9	49.46	1	15	47	52.78[12]	19	59	20.3[13]	Mu.	255	15	[12] "Time of transit doubtful."
13347	8	47.44	2	15	47	53.45	28	14	15.4	Mu.	117	48	[13] Decl. changed one rev. north.
	7	46.51	2			53.73			....	Tr.	33	21	
	9	47.40	3			53.97			22.3	Mer.	189	19	
	8.9	46.38	5			54.08			17.2	Mer.	18	16	
13348	7	51.48	5	15	47	54.80	22	44	28.5[14]	Tr.	266	3	[14] One transit thread rejected; Decl. $= 19''.7$.
	6	49.47	2			54.97			....	Mer.	184	27	
13349	9	46.50	2	15	47	56.71[15]	30	20	40.2	Mu.	28	12	[15] One of three threads rejected; R. A. $= 55^{s}.76$.
	8	47.46	1			56.94			41.1	Mu.	120	26	
	8	47.48	1			57.04			38.7	Tr.	124	3	
	9	47.46	1			57.14			40.9	Tr.	122	15	
	8	47.31	1			57.25			39.5	Mer.	96	16	
	8	47.48	1			57.51			45.4	Mer.	192	28	
13350	8	46.29	5	15	47	59.60	29	33	10.2	Mer.	9	6	
	9	46.48	2			59.75			18.9[16]	Tr.	32	12	[16] If micrometer reading be assumed as 6.34 instead of 6.54 rev., as recorded, Decl $= 8''.8$.
	8	46.34	2			59.87			9.2	Tr.	17	66	
	8	47.32	5			59.89			7.1	Mer.	97	84	
	8	49.50	5			59.93			9.9	Mu.	263	1	
13351	9	51.46	5	15	48	1.42	21	46	37.2	Tr.	265	15	
	8	51.43	5			1.43			37.7	Tr.	263	34	
	8	49.33	1			1.48			38.5	Mu.	253	45	
13352	8	47.38	2	15	48	4.40	27	11	61.3	Mer.	188	58	
	7	47.27	1			4.47			57.5	Mu.	106	23	
	6	46.52	3			4.49			56.4	Mu.	29	7	
	7	46.42	2			4.52			58.7	Mer.	25	57	
	8	47.44	2			4.90			55.7	Tr.	121	15	
	8	48.46	6			4.99			57.2	Mu.	172	33	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
13353	11	46.38	1	15	48	6.05	34	44	16.2	Tr.	19	50	
13354	9	46.46	2	15	48	8.20[1]	41	13	14.3	Mer.	26	35	[1] One of three threads rejected; R. A.=$9^{s}.78$.
	9	46.30	5			8.31			14.9	Mer.	13	68	
	9	46.39	6			8.59			15.3	Mer.	21	16	
13355	8	48.47	2	15	48	14.72	24	48	44.7	Tr.	168	17	
13356	9	49.46	3	15	48	21.04	21	8	21.0	Mu.	256	49	
13357	7	49.47	2	15	48	25.51	21	2	49.3	Tr.	244	3	
	8	49.46	2			25.63[2]			40.3	Mu.	256	50	[2] One of three threads rejected; R. A.=$24^{s}.91$.
13358	8	46.42	1	15	48	26.25	31	31	35.8	Mu.	19	67	
13359	4	46.42	4	15	48	34.27	31	17	19.3	Mu.	19	66	
13360	7	46.40	4	15	48	40.10	37	3	....	Tr.	22	8	
13361	9.10	49.50	2	15	48	41. . .[3]	30	2	21.1	Mu.	263	2	[3] Separate threads give $40^{s}.83$, $42^{s}.63$. GZ gives $41^{s}.5$.
13362	9.10	49.33	1	15	48	41.36	23	58	6.3	Tr.	239	37	
13363	8	46.39	3	15	48	54.30	38	33	15.1	Mu.	15	38	
	7	46.46	1			54.39			14.7[4]	Tr.	29	8	[4] Decl. changed ten rev. north.
13364	8	48.48	3	15	48	54.42	23	5	18.2	Mu.	175	27	
	5	49.47	2			54.53			....[5]	Mer.	184	28	[5] Decl. changed one wire interval north.
13365	6.7	49.47	3	15	48	54.80	20	32	36.0	Mu.	260	25	
	5	52.38	5			54.82			37.5	Tr.	277	19	
	6	51.43	5			54.91			36.6	Mer.	241	16	
13366	9	51.46	5	15	49	8.97	22	6	31.4	Tr.	265	16	
	10	51.43	5			9.00			29.5	Tr.	263	35	
	9	49.33	1			9.11			29.4	Mu.	253	46	
13367	6	46.30	6	15	49	18.22	41	18	30.7	Mer.	13	69	
	5.6	46.46	6			18.35			31.4	Mer.	26	36	
13368	8	47.31	1	15	49	18.85	30	17	14.1[6]	Mer.	96	17	[6] Decl. changed ten rev. north.
	8	47.48	2			18.94			13.6	Tr.	124	4	
	8	47.46	2			19.04			13.9	Mu.	120	27	
	8	47.46	2			19.09			12.5[7]	Tr.	122	16	[7] Decl. changed two wire intervals south.
	8	46.50	3			19.09[8]			13.4	Mu.	28	13	[8] One of four threads rejected; R. A.=$18^{s}.24$.
13369	8	47.40	1	15	49	21.22[9]	27	51	55.5	Mer.	189	20	[9] R. A. decreased two thread intervals.
	8	47.44	1			21.74			49.3	Mu.	117	49	
	9	46.38	3			22.21			53.0	Mer.	18	17	
13370	10	46.40	3	15	49	31.16	37	5	....	Tr.	22	9	
13371	7	48.43	2	15	49	35.49	24	23	39.1	Mu.	170	5	
	8.9	48.46	3			35.64			38.8[10]	Mer.	128	2	[10] Micrometer reading assumed as 44.21 instead of 21.44 rev., as recorded.
	6.7	48.47	3			35.73			39.3	Tr.	168	18	
13372	9.10	49.46	2	15	49	42.02	20	57	50.3	Mu.	256	51	
	10	49.47	1			42.15			55.1	Tr.	244	4	
13373	8	49.47	1	15	49	44.81	20	27	23.7	Mu.	260	26	
	7.8	49.46	3			45.01[11]			25.9	Mu.	255	16	[11] One of four threads rejected; R. A.=$44^{s}.23$.
	6	52.38	4			45.05[12]			23.3	Tr.	277	20	[12] One of five threads rejected; R. A.=$44^{s}.59$.
	7	51.43	5			45.07			21.7[13]	Mer.	241	17	[13] Decl. changed one wire interval north.
13374	2	48.42	6	15	49	47.10[14]	25	40	39.4	Mu.	167	32	[14] One of seven threads rejected; R. A.=$47^{s}.86$.
	2	49.36	3			47.20			36.1	Mu.	254	66	
	4	48.43	5			47.30			....	Tr.	164	18	
	2	48.40	6			47.44			36.4	Mer.	124	96	
13375	7	46.46	4	15	49	49.15	32	34	36.4	Mu.	25	5	
13376	9	46.26	5	15	49	51.06	40	13	7.5	Mer.	2	10	
	6	46.30	2			51.13			9.4	Mer.	11	111	
13377	9	46.34	2	15	49	55.07	29	32	31.8	Tr.	17	67	
	10	47.32	1			55.53			27.1	Mer.	97	85	
13378	8.9	49.50	3	15	49	57.46	30	3	23.8	Mu.	263	3	
	8	47.31	1			57.60			21.3	Mer.	96	18	
	8	47.47	2			57.65			21.3[15]	Tr.	123	13	[15] Decl. changed one wire interval north.
	8	47.44	2			57.75			21.8	Mer.	190	33	
	8	46.50	2			57.75[16]			23.7	Mu.	28	14	[16] One of three threads rejected; R. A.=$58^{s}.71$.
	9	47.46	1			57.85			21.2	Tr.	122	17	
13379	9.10	49.33	1	15	49	59.92	24	2	1.1	Tr.	239	38	
13380	8	46.38	3	15	50	2.87	35	24	31.7	Mu.	14	50	
13381	9	52.38	5	15	50	5.13	19	6	27.3	Mer.	248	33	
13382	8.9	46.50	3	15	50	6.22	26	8	53.4	Mer.	33	15	
	8	48.43	3			6.28			54.1	Mu.	169	32	
	9	47.46	5			6.57			54.1	Mer.	191	27	
13383	6	46.46	5	15	50	11.70	37	57	46.1	Mu.	24	14	
13384	8.9	49.47	2	15	50	14.18	20	34	54.8	Mu.	260	27	
	7	51.43	5			14.30			55.8	Mer.	241	18	
13385	9	46.51	2	15	50	18.72	28	33	....	Tr.	33	22	
	9	46.40	4			18.88			16.8[17]	Mer.	22	8	[17] Decl. changed one wire interval north.
	7.8	47.44	1			19.08			19.9	Mu.	117	50	
13386	8	47.46	1	15	50	19.70	26	34	57.3[18]	Mer.	191	28	[18] Decl. changed one wire interval north.
	7.8	48.43	2			20.00			56.7	Mu.	169	33	
	8	46.50	5			20.11			56.4	Mer.	33	16	
	7	47.44	2			20.24			58.4	Tr.	121	16	
	8	48.46	7			20.30			55.5	Mu.	172	34	
13387	7	47.32	2	15	50	20.11	29	38	53.1	Mer.	97	86	
	8	46.48	1			20.39			54.4	Tr.	32	13	
	7	46.34	2			20.47			56.5	Tr.	17	68	
	6	47.29	2			20.48			55.6	Tr.	110	23	
	7.8	46.29	6			20.49			55.6	Mer.	9	7	
	8	49.51	3			20.57			57.4	Mu.	264	1	
	8	49.50	1			20.59			55.1	Mu.	263	4	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
13388	7	47.32	1	15	50	20.38 [1]	29	11	54.4	Mer.	97	87	[1] Minute assumed. R. A. doubtful, as the recorded time of transit is the same as that of Mer. 97, No. 86.
	8	46.34	7			21.41			53.7	Mer.	15	114	
	7	48.46	1			21.47 [2]			50.7 [3]	Mu.	173	1	
13389	10	46.46	2	15	50	21.54	32	13	....	Tr.	30	4	[2] R. A. decreased one thread interval.
13390	7	46.30	3	15	50	22.18	32	57	5.9	Tr.	15	32	[3] Decl. changed one rev. south.
13391	8	46.39	3	15	50	23.71	38	33	51.3 [4]	Mu.	15	39	[4] If micrometer reading be assumed as 46.80 instead of 46.60 rev., as recorded, Decl. = 38″.7. Gou gives 40″.
	6	46.46	1			24.01			37.6	Tr.	29	9	
13392	4	46.42	2	15	50	23.85	31	24	3.5	Mu.	19	68	
13393	8	52.38	5	15	50	25.56	19	30	12.7	Mer.	248	34 [5]	[5] "Double; the second observed."
13394	7	47.46	2	15	50	28.94 [6]	30	43	64.1	Mu.	120	28	[6] R. A. increased 1 min.
	7	46.38	6			29.10			59.2	Tr.	18	14	
	8	47.48	5			29.17			62.6	Mer.	192	29	
	7.8	47.48	1			29.19			60.3	Tr.	124	5	
13395	8.9	49.33	2	15	50	35.50	23	45	43.1	Tr.	239	39	
	9	48.47	4			35.79			39.4	Mu.	174	28	
13396	10	47.48	1	15	50	42.92	30	14	6.6	Tr.	124	6	
13397	5	46.30	2	15	50	47.00	40	0	24.2	Mer.	11	112	
13398	8	46.39	3	15	50	47.51	38	39	....	Tr.	21	13	
	5	46.46	1			47.57			19.8	Tr.	29	10	
	7	46.39	4			47.63			20.7	Mu.	15	40	
13399	9	49.50	1	15	50	47.79	29	33	22.1	Mu.	263	5	
13400	10	49.47	1	15	50	51.05 [7]	22	15	0.3	Mu.	257	2	[7] R. A. increased one thread interval.
13401	10	49.33	1	15	51	1.70	22	8	8.8	Mu.	253	47	
13402	8	48.40	3	15	51	6.54	25	44	42.3	Mer.	124	97	
	9	48.42	1			6.87			43.5	Mu.	167	33	
	10	48.43	3			6.97			....	Tr.	164	19	
13403	7	51.48	5	15	51	6.93	22	46	5.9	Tr.	266	4	
	8	49.47	3			7.05			.... [8]	Mer.	184	29	[8] Decl. changed one rev. south.
	8.9	49.46	3			7.36			14.9	Tr.	243	1	
13404	10	47.44	1	15	51	10.20	26	55	1.9	Tr.	121	17	
13405	9	47.46	1	15	51	24.92	26	13	18.3	Mer.	191	29	
13406	2	49.33	2	15	51	28.05	22	11	23.2	Mu.	253	48	
	1	49.47	3			28.10			25.6	Mu.	257	3	
	1	51.43	5			28.20			24.0	Tr.	263	37	
	2	51.43	5			28.23			27.6	Tr.	263	36	
	4	48.55	6			28.32 [9]			24.1	Mu.	181	1	[9] One of seven threads rejected; R. A. = $27^{\mathrm{s}}.57$.
13407	8	46.46	3	15	51	32.87	32	15	25.6	Mu.	25	6	
	10	46.46	2			33.00			....	Tr.	30	5	
13408	10	49.46	2	15	51	33. . . [10]	21	3	39.9	Mu.	256	52	[10] Separate threads give $33^{\mathrm{s}}.78$, $32^{\mathrm{s}}.92$.
	11	49.47	2			33.11			37.7	Tr.	244	5	
13409	9	47.46	1	15	51	37.07 [11]	25	57	40.8	Mer.	191	30	[11] R. A. increased 5 sec.
13410	8	47.47	2	15	51	42.40	30	8	42.0	Tr.	123	14	
	8.9	46.50	2			42.41 [12]			43.4	Mu.	28	15	[12] One of three threads rejected; R. A. = $43^{\mathrm{s}}.55$.
	8	47.44	4			42.48 [13]			40.7	Mer.	190	34	[13] One thread decreased 10 sec.
	9	47.48	1			42.60			42.1	Tr.	124	7	
13411	9	46.52	2	15	51	51.27	27	33	2.8	Mu.	29	8	
	9	47.27	2			51.50			0.9	Mu.	106	24	
13412	8.9	46.52	5	15	51	51.57	42	15	54.2	Mer.	34	5	
	8	46.38	3			51.93			57.6	Mer.	19	25	
13413	4	46.42	3	15	51	52.42	31	27	36.8	Mu.	19	69	
13414	8	46.42	1	15	51	54.46	31	7	4.3	Mu.	19	70	
	11	46.38	2			54.83			10.6	Tr.	18	15	
13415	9	48.46	4	15	51	55.03 [14]	24	21	48.6	Mer.	128	3	[14] R. A. decreased 1 min.
	9	48.43	1			55.06			47.4	Mu.	170	6	
	9	48.47	2			55.08			45.6	Tr.	168	19	
13416	8	48.43	4	15	51	56.67	26	37	2.3	Mu.	169	34	
	7	46.52	3			56.70			1.9	Mu.	31	1	
	8	48.46	4			56.75			2.0	Mu.	172	35	
	8	47.44	2			56.87			5.3	Tr.	121	18	
	9	46.50	6			56.93			5.5 [15]	Mer.	33	17	[15] Decl. changed one wire interval north.
13417	9	47.40	2	15	51	57. . . [16]	27	54	15.1	Mer.	189	21	[16] Separate threads give $57^{\mathrm{s}}.62$, $58^{\mathrm{s}}.38$. AW gives $58^{\mathrm{s}}.1$. GZ gives $58^{\mathrm{s}}.6$.
	9	46.38	3			57.73			14.7	Mer.	18	18	
	6	46.51	2			58.17			....	Tr.	33	23	
	8	47.44	1			58.60			15.2	Mu.	117	51	
13418	9	49.46	2	15	52	2.07	23	11	51.4	Tr.	243	2	
13419	9	46.40	4	15	52	6.77	37	6	....	Tr.	22	10	
13420	8	46.38	2	15	52	8.35 [17]	34	11	59.0	Tr.	19	51	[17] R. A. increased 1 min.
	8	46.46	3			8.66 [18]			60.1	Mu.	22	25	[18] R. A. increased 1 min.
13421	8	49.33	2	15	52	10.22	23	50	21.1	Tr.	239	40	
	8.9	48.47	4			10.36			17.4	Mu.	174	29	
13422	5	46.40	4	15	52	16.70	36	19	1.3	Mu.	16	32	
13423	9	49.33	1	15	52	17.89	21	44	26.4	Mu.	253	49	
13424	6	52.38	5	15	52	19.13	20	43	37.4	Tr.	277	21	
	7	51.43	5			19.18			35.1	Mer.	241	19	
	8	49.47	5			19.35			35.4	Mu.	260	28	
13425	8	48.47	1	15	52	25.18	24	46	13.8	Tr.	168	20	
	8	48.46	2			25.33			10.1	Tr.	166	20	
13426	9	46.52	5	15	52	27.65	42	4	43.9	Mer.	34	6	
13427	9	46.38	1	15	52	36.79 [19]	34	50	34.0	Tr.	19	52	[19] R. A. decreased one thread interval.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
13428	9.10	48.47	1	15	52	37.37	23	51	17.8[1]	Mu.	174	30	[1] If micrometer reading be assumed as 27.021 instead of 27.221 rev., as recorded, Decl.= 30″.4. GZ gives 31″. AW gives 33″.
13429	10	47.48	1	15	52	37.56	30	16	47.7	Tr.	124	8	
13430	9	47.40	2	15	52	38.40	27	56	49.3	Mer.	189	22	
	8.9	47.44	1			38.70			49.7	Mu.	117	52	
13431	9.10	48.47	1	15	52	42.88	23	53	52.7	Mu.	174	31	
13432	9	46.51	1	15	52	44.16	28	5	....	Tr.	33	24	
13433	9	46.34	5	15	52	44.96	29	17	18.3	Mer.	15	115	
13434	9	47.29	2	15	52	45.29	28	33	....	Mer.	94	11	
13435	11	46.30	2	15	52	47.46	33	13	41.7	Tr.	15	33	
13436	9.10	46.38	..	15	52	49...	35	22	56.5	Mu.	14	51	
13437	9	46.38	1	15	52	56.15	34	49	40.9	Tr.	19	53	
13438	10	51.48	5	15	52	57.95	22	22	48.3[2]	Tr.	266	5	[2] One transit thread rejected; Decl.=38″.3.
13439	12	46.29	3	15	53	0.37	35	45	31.4	Tr.	12	15	
13440	9	49.47	1	15	53	5.37	21	33	16.8	Mu.	257	4	
	6.7	49.47	2			5.56			12.1	Tr.	244	6	
	8	49.46	4			5.61			13.6[3]	Mu.	256	53	[3] Micrometer record doubtful; assumed as 16.336, but may be 16.536 rev.
	7	49.33	1			5.71			12.8	Mu.	253	50	
13441	10	49.46	3	15	53	19.69	20	19	52.9	Mu.	255	17	
	8	51.43	4			19.76			56.0	Mer.	241	20	
	10	49.47	1			20.12			51.1	Mu.	260	29	
13442	9	48.55	3	15	53	20.98	22	15	43.7	Mu.	181	2	
	9.8	49.47	1			21.39[4]			49.1	Mu.	257	5	[4] R. A. decreased 10 sec. and one thread interval.
13443	9	47.47	1	15	53	21.29	30	14	30.9	Tr.	123	15	
	8	47.44	1			22.11			28.0	Mer.	190	35	
13444	5	46.48	4	15	53	22.40	28	42	40.9	Mu.	27	22	
	6.7	46.34	5			22.49			44.3	Mer.	15	116	
	4	47.34	1			22.65			40.5	Tr.	117	1	
	5	48.46	2			22.72[5]			41.8	Mu.	173	2	[5] One thread increased one thread interval.
	7	46.40	3			22.73			40.0[6]	Mer.	22	9	[6] Micrometer reading assumed as 39.045 instead of 39.45 rev. as recorded.
	6	47.29	1			22.86			....	Mer.	94	12	
13445	8	48.40	2	15	53	23.79[7]	25	43	21.8	Mer.	124	98	[7] One of three threads rejected; R. A.=$24^{s}.52$.
	8	48.42	5			23.90			25.8	Mu.	167	34	
	9	48.43	3			24.00			....	Tr.	164	20	
13446	4.5	46.46	3	15	53	26.42	38	10	39.7	Tr.	29	11	
13447	9	48.46	2	15	53	27.85	24	9	21.6[8]	Mer.	128	4	[8] Decl. changed one rev. south.
13448	7.8	47.46	2	15	53	29.30	30	31	4.1	Mu.	120	29	
	7	47.48	2			29.32			3.1	Tr.	124	9	
	8	47.40	1			29.35			2.6	Tr.	119	65	
	9	47.48	6			29.50			3.5	Mer.	192	30	
13449	7.8	46.38	1	15	53	31.73	34	52	....	Tr.	19	54	
13450	8	46.40	3	15	53	32.00	36	42	....	Tr.	22	11	
	7	46.40	3			32.31			37.8	Mu.	16	33	
13451	..	52.38	5	15	53	33.79	19	1	41.4	Mer.	248	35	
13452	9	49.46	2	15	53	38.24	23	15	27.0	Tr.	243	3	
13453	9	48.42	4	15	53	38.90	25	49	50.0	Mu.	167	35	
	8	48.40	2			39.33			49.2	Mer.	124	99	
13454	8	46.51	1	15	53	40.33	28	2	....[9]	Tr.	33	25	[9] Decl. changed one rev. south.
	9	47.40	3			40.41			51.2	Mer.	189	23	
	8	47.44	1			40.60			57.0	Mu.	117	53	
13455	8	46.50	2	15	53	41.70	29	50	23.6	Mu.	28	16	
	9	46.48	1			41.73			24.4	Tr.	32	14	
	8	46.29	4			41.82			24.8	Mer.	9	8	
	8.9	49.50	4			41.93			22.0	Mu.	263	6	
	9	47.46	1			41.95			26.1	Tr.	122	18	
	9	47.29	2			42.03			22.5	Tr.	110	24	
	8	47.32	1			42.12			27.9	Mer.	97	88	
13456	9	49.33	1	15	53	43.94	23	49	15.0[10]	Tr.	239	41	[10] If micrometer reading be assumed as 9.51 instead of 9.21 rev., as recorded, Decl.= 30″.2. GZ gives 30″.
13457	9	48.55	1	15	53	50.24[11]	22	45	30.5	Mu.	181	3	
	7	49.47	6			50.87			....	Mer.	184	30	
	7	51.48	5			51.00			28.6	Tr.	266	6	[11] R. A. increased 20 sec.
	9	48.48	3			51.28			28.7	Mu.	175	28	
13458	8	48.47	2	15	53	51.18	24	35	25.8	Tr.	168	21	
13459	9	46.46	6	15	53	53.80[12]	41	17	24.0	Mer.	26	37	[12] One of seven threads rejected; R. A.=$52^{s}.77$.
13460	9	48.47	2	15	53	59.62	23	45	2.0	Mu.	174	32	
	8	49.33	1			59.64[13]			3.2	Tr.	239	42	[13] Minute assumed.
13461	9	47.46	2	15	54	3...[14]	26	12	23.8[15]	Mer.	191	31	[14] Separate threads give $3^{s}.37$, $2^{s}.31$.
	9	48.43	3			3.35			27.0	Mu.	169	35	[15] Decl. changed one rev. north.
	9	46.52	4			3.37			27.0	Mu.	31	3	
	9	46.50	5			3.61[16]			30.8[17]	Mer.	33	18	[16] R. A. increased 1 min.
13462	8	46.30	2	15	54	6.38	40	25	20.3	Mer.	11	113	[17] Decl. changed one rev. south.
13463	4	46.42	3	15	54	6.56	31	34	51.8[18]	Mu.	19	71	[18] If micrometer reading be assumed as 15.560 instead of 15.360 rev., as recorded, Decl.= 39″.3.
13464	9.10	46.46	1	15	54	8.29[19]	37	20	27.0	Mu.	24	15	
13465	7	46.52	4	15	54	8.89	26	17	16.7	Mu.	31	2	
	8	46.50	6			8.91			15.9	Mer.	33	19	[19] "Transit and even star itself doubtful." Unidentified. Looked for with equatorial but not found.
	8	47.46	3			8.92			13.8	Mer.	191	32	
	8	48.43	4			9.23			15.6	Mu.	169	36	
13466	9	47.29	2	15	54	12.79	29	42	50.5	Tr.	110	25	
	9	49.50	3			12.94			52.7	Mu.	263	7	
	8	47.32	2			13.02			53.1	Mer.	97	89	
	9	46.34	1			13.04			52.0	Tr.	17	69	
	9.10	49.51	3			13.07			54.1	Mu.	264	2	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
13467	9	47.44	1	15	54	14.08	28	4	33.6	Mu.	117	54	
13468	9	48.46	2	15	54	14.40	24	14	30.8	Mer.	128	5	
13469	6	48.42	1	15	54	16.59	25	26	31.8	Mu.	167	36	
	6	48.46	4			17.07			35.3	Tr.	166	21	
	5	48.43	2			17.07			....	Tr.	164	21	
	4	48.40	1			18.44			35.9	Mer.	124	100	
13470	7	46.46	3	15	54	16.73	32	38	55.3	Mu.	25	7	
13471	7	52.38	5	15	54	24.48	19	25	8.4	Mer.	248	36	
13472	8	46.38	3	15	54	25.68	35	1	38.7	Mu.	14	52	
13473	8	46.30	2	15	54	41.55	40	19	7.8	Mer.	11	114	
13474	9	46.39	5	15	54	42.31	39	0	....	Tr.	21	14	
	7	46.39	3			42.42[1]			56.9	Mu.	15	41	[1] R. A. increased 1 min.
13475	7.8	46.46	3	15	54	43.49	37	26	23.3	Mu.	24	16	
13476	6	46.46	3	15	54	44.52	32	47	37.4	Mu.	25	8	
13477	9	46.46	3	15	54	47.96	37	23	48.3	Mu.	24	17	
13478	11	46.30	2	15	54	50.60	33	24	42.2	Tr.	15	34	
13479	7	48.43	1	15	54	54.17	24	18	25.4	Mu.	170	7	
	6.7	48.47	1			54.52			23.7	Tr.	168	22	
	8.9	48.46	3			54.73			27.5	Mer.	128	6	
13480	9	46.39	2	15	55	0.14[2]	38	47	48.7	Mu.	15	42	[2] R. A. increased 1 min. One of three threads rejected; R. A. = $1^{\mathrm{s}}.06$.
13481	8	52.38	4	15	55	1.77	19	9	20.4	Mer.	248	37	
13482	7	47.44	1	15	55	14.01	28	30	47.4	Mu.	117	55	
	9	47.40	2			14.13[3]			46.0	Mer.	189	24	[3] One of three threads rejected; R. A. = $14^{\mathrm{s}}.97$.
	7	47.29	2			14.31[4]			....	Mer.	94	13	[4] One of three threads rejected; R. A. = $15^{\mathrm{s}}.11$.
	9	47.38	2			14.41			46.7	Tr.	118	33	
	8	47.34	2			14.46			46.6	Tr.	117	2	
	8	46.40	4			14.50			45.6	Mer.	22	10	
	8	48.46	1			14.88			47.5	Mu.	173	3	
13483	10	49.47	2	15	55	15.92	21	29	75.3	Tr.	244	7	
	9	49.47	2			15.96			74.0	Tr.	245	1	
	8	49.33	2			16.17			58.9[5]	Mu.	253	51	[5] If micrometer reading be assumed as 52.650 instead of 52.850 rev., as recorded, Decl. = 71″.5.
	9	49.46	4			16.21			70.8	Mu.	256	54	
13484	7	52.38	5	15	55	18.03	19	20	52.1	Mer.	248	38	
13485	9	49.46	3	15	55	22.99	23	19	50.3	Tr.	243	4	
13486	11	46.29	3	15	55	43.84	35	45	6.8	Tr.	12	16	
13487	9	47.46	1	15	55	46.31	31	2	25.5	Mu.	120	31	
	7	46.42	1			46.47			24.4	Mu.	19	72[6]	[6] Only one micrometer reading is given for Mu. 19, Nos. 72 and 73.
	9	47.40	1			46.60			23.2	Tr.	119	66	
	9	47.48	4			46.81			22.7	Mer.	192	31	
13488	9.10	49.46	2	15	55	47.11	20	56	2.9	Mu.	256	55	
13489	9	46.51	2	15	55	48.70	28	5	....	Tr.	33	26	
13490	9	46.46	4	15	55	51.41	33	35	15.5	Mu.	22	26	
	10	46.30	2			51.42			15.4	Tr.	15	35	
13491	8.9	46.50	4	15	55	52.83	26	31	53.7	Mer.	33	20	
	9	48.43	2			52.84			52.8	Mu.	169	37	
	8	48.46	3			52.89			51.4	Mu.	172	36	
	9	47.64	2			52.89			54.2	Mer.	191	33	
	7	46.52	2			53.22			52.3	Mu.	31	4	
13492	5	46.42	1	15	55	57.46	31	2	24.4	Mu.	19	73[6]	
	8	47.40	1			57.80			25.3	Tr.	119	67	
	6.7	47.46	3			57.94			24.2	Mu.	120	30	
	10	46.38	4			58.07			21.9	Tr.	18	16	
	8	47.48	2			58.13			23.5	Mer.	192	32	
13493	9.10	48.42	1	15	55	58.67	25	50	46.6	Mu.	167	37	
	10	48.43	2			58.71			....	Tr.	164	22	
	9	48.40	2			58.90			46.4	Mer.	124	101	
13494	9	48.46	2	15	55	59. . .[7]	26	36	22.0	Mu.	172	37	[7] Separate threads give $59^{\mathrm{s}}.91$, $59^{\mathrm{s}}.04$.
	9	47.44	1			59.71			22.4	Tr.	121	19	
	9	47.46	2			59.77			25.1	Mer.	191	34	
	9	46.50	3			59.98			24.3	Mer.	33	21	
	9	48.43	1			60.46			....	Mu.	169	39	
13495	11	46.40	3	15	56	1.86	36	42	....[8]	Tr.	22	12	[8] Decl. changed one wire interval north.
13496	9	49.46	2	15	56	7.57	19	53	17.3	Mu.	255	18	
13497	9	52.38	5	15	56	8.84	20	28	62.3	Tr.	277	22	
	8	51.43	4			8.88			61.2[9]	Mer.	241	21	[9] Decl. changed five rev. north.
	9	49.47	5			9.12			59.6	Mu.	260	30	
13498	9	49.33	1	15	56	12.63	23	37	32.0	Tr.	239	43	
13499	9	47.44	1	15	56	20.59	26	32	40.1	Tr.	121	20	
	8.9	46.50	2			20.67			37.4	Mer.	33	22	
	9	48.43	1			20.78			37.2	Mu.	169	38	
	8	46.52	2			20.90			38.2	Mu.	31	5	
	8.9	48.46	2			20.94			35.5	Mu.	172	38	
	9	47.46	2			21.03			39.0[10]	Mer.	191	35	[10] Decl. changed one rev. north.
13500	9	46.46	7	15	56	20.80	28	9	38.5	Mer.	27	1	
	8	46.51	2			20.91			....	Tr.	33	27	
	9	46.38	5			20.99			36.6	Mer.	18	19	
	8	47.44	1			20.99			36.7	Mu.	117	56	
	9	47.40	2			21.39			37.6[11]	Mer.	189	25	[11] Decl. changed one wire interval north.
13501	7	46.30	3	15	56	22.54	40	2	10.6[12]	Mer.	11	115	[12] Decl. changed two wire intervals north.
13502	8	48.48	4	15	56	22.64	23	15	10.8[13]	Mu.	175	29	[13] Decl. changed one rev. south.
	8	49.46	2			22.82			11.9	Tr.	243	5	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
13503	8	46.39	2	15	56	30.76	38	50	37.8	Mu.	15	43	
	10	46.39	3			31.01			....	Tr.	21	15	
13504	7.8	49.33	2	15	56	37.33	23	48	24.2	Tr.	239	44	
	8	48.47	5			37.53			24.7	Mu.	174	33	
13505	3	52.38	5	15	56	43.67	19	23	25.6 [1]	Mer.	248	39	[1] Decl. changed one rev. south.
13506	4	46.40	3	15	56	45.37	36	23	18.1	Mu.	16	34	
13507	8	49.46	2	15	56	52.25	20	1	16.9	Mu.	255	19	
	9	48.49	2			52.27			....	Tr.	169	5	
13508	8	49.47	2	15	56	53.49	21	25	28.8	Tr.	244	8	
	8	49.46	2			53.76			27.8	Mu.	256	56	
13509	8.9	46.30	6	15	56	56.22	41	39	28.4	Mer.	13	70	
	7.8	46.46	7			56.23			31.0	Mer.	26	38	
	8	46.38	5			56.24			27.4	Mer.	19	26	
13510	8.9	46.42	3	15	56	56.54	27	24	41.8	Mer.	25	58	
	8	46.52	3			56.84			40.6	Mu.	29	9	
13511	10	47.40	1	15	57	2.06	30	55	43.2	Tr.	119	68	
13512	8	52.38	5	15	57	2.33	19	15	58.9	Mer.	248	40	
13513	9	46.46	2	15	57	2.51	27	56	58.4	Mer.	27	2	
13514	10	49.33	2	15	57	5.61	22	11	10.6	Mu.	253	52	
	10	51.43	5			5.68			9.7	Tr.	263	38	
	10	49.47	1			5.85			9.9	Tr.	245	2	
13515	7	51.43	4	15	57	6.92 [2]	20	44	23.1	Mer.	241	22	[2] One of five threads rejected; R. A.=$6^{s}.49$.
	10	49.47	2			7.00			26.7	Mu.	260	31	
	9	52.38	5			7.03			27.3	Tr.	277	23	
13516	4	49.47	5	15	57	9.66	23	11	....	Mer.	184	31	
	7	49.46	2			9.93			34.2	Tr.	243	6	
	7.8	48.48	4			10.24			32.7	Mu.	175	30	
13517	9	48.46	4	15	57	24.71	24	31	33.1	Mer.	128	7	
	9	48.47	2			24.80			26.5	Tr.	168	23	
	9	48.43	1			25.01			25.7	Mu.	170	8	
13518	5	46.40	3	15	57	25.41	36	20	35.0	Mu.	16	35	
13519	9.10	48.42	1	15	57	32.01	25	48	37.0	Mu.	167	38	
13520	9	46.46	1	15	57	36.61	32	44	....	Mu.	25	9	
13521	10	46.30	2	15	57	40.80	33	17	53.0	Tr.	15	36	
13522	6	46.40	3	15	57	44.03	36	18	38.0	Mu.	16	36	
13523	10	49.33	1	15	57	45.08	21	44	34.4	Mu.	253	53	
13524	8	46.42	1	15	57	45.95	27	18	24.7 [3]	Mer.	25	59	[3] Decl. changed one rev. north.
	8	47.27	3			46.10			28.1 [4]	Mu.	106	25	[4] Decl. changed five rev. south.
	7	46.52	3			46.30 [5]			28.5	Mu.	29	10	[5] R. A. increased one thread interval.
13525	9	49.46	1	15	57	55.46	23	14	10.6	Tr.	243	7	
	9.10	48.48	2			55.75			8.9	Mu.	175	31	
13526	9.10	48.47	2	15	57	56.67	23	44	31.2	Mu.	174	34	
	9	49.33	2			56.98			31.4	Tr.	239	45	
13527	9	49.46	1	15	57	58.66	21	30	36.2	Mu.	256	58	
	11	49.47	1			59.08			35.5	Tr.	244	9	
13528	7	49.47	1	15	58	0.38	21	27	15.7	Tr.	244	10	
	8.9	49.46	2			0.44			13.1	Mu.	256	57	
13529	3	48.49	2	15	58	2.16	20	15	.... [6]	Tr.	169	6	[6] Decl. changed one rev. north.
	3	49.46	4			2.18			29.7	Mu.	255	20	
13530	9	46.50	5	15	58	3.11	26	41	24.6	Mer.	33	23	
	10	47.44	2			3.36			22.7	Tr.	121	21	
	9	48.46	1			3.56			21.9	Mu.	172	39	
13531	10	48.55	1	15	58	4.54 [7]	22	33	36.5	Mu.	181	4 [8]	[7] R. A. increased 10 sec.
13532	9.10	46.46	1	15	58	6.91	33	42	2.0	Mu.	22	27	[8] "Too faint."
13533	9	47.44	1	15	58	7.17	28	27	28.4	Mu.	117	57	
	8	47.40	2			7.27			24.9	Mer.	189	26	
	8	46.51	2			7.37			....	Tr.	33	28	
13534	9.10	48.42	1	15	58	10.02	25	48	55.0	Mu.	167	39	
13535	10	48.46	3	15	58	10.82	25	5	54.3 [9]	Tr.	166	22	[9] Decl. changed two rev. north.
13536	8	48.40	1	15	58	11.60	25	20	11.0 [10]	Mer.	124	102	[10] Decl. changed one wire interval north.
13537	7.8	47.31	1	15	58	15.35 [11]	30	9	15.3	Mer.	96	19	[11] R. A. increased 6 min.
	7.8	46.50	4			15.59 [12]			16.0	Mu.	28	17	[12] R. A. increased 1 min.
	8	47.46	2			15.79			14.7	Tr.	122	19	
	8	47.44	2			15.79			14.0	Mer.	190	36	
	9	47.48	1			15.93			17.3	Tr.	124	10	
13538	8	46.29	4	15	58	16.45	35	49	20.6	Tr.	12	17	
13539	9	48.46	1	15	58	17.04 [13]	29	3	44.8	Mu.	173	4	[13] R. A. increased 1 min.
	8.9	46.34	7			17.43			45.6	Mer.	15	117	
	9	49.51	4			17.46			43.8	Mu.	264	3	
	9	46.34	1			17.47			44.9	Tr.	17	70	
	9	47.29	3			18.10			....	Mer.	94	14	
13540	9	47.48	1	15	58	25.68	30	12	7.7 [14]	Tr.	124	11	[14] Decl. changed one wire interval north.
	8	47.46	1			25.83			8.5	Tr.	122	20	
	9	46.50	3			25.93 [15]			7.2	Mu.	28	18	[15] R. A. increased 1 min.
	7.8	47.31	2			26. .. [16]			4.8	Mer.	96	20	[16] Separate threads give $27^{s}.96$, $26^{s}.32$. GZ
	8	47.44	3			26.04 [17]			5.1	Mer.	190	37	gives $25^{s}.8$.
13541	8	47.48	3	15	58	26. .. [18]	30	18	19.4	Mer.	192	33	[17] Minute assumed. One of four threads re-
	9	47.40	1			26.57			19.7	Tr.	119	69	jected; R. A.=$22^{s}.58$.
	9	47.46	1			27.30			19.0	Mu.	120	32	[18] Separate threads give $26^{s}.67$, $26^{s}.11$, $27^{s}.19$.
13542	10	49.47	1	15	58	26.48 [19]	21	39	4.9	Mu.	257	6	[19] R. A. decreased one thread interval.
	..	49.33	2			26.65			2.3	Mu.	253	54	
	10	49.47	1			27.44			6.0	Tr.	245	3	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.
		1800+		h	m	s	°	′	″			
13543	9	48.47	2	15	58	32. . . [1]	23	32	29.0	Mu.	174	35
13544	7	46.39	4	15	58	32.00	38	41	50.5	Mu.	15	44
	8	46.39	3			32.36			. . . .	Tr.	21	16
13545	7	46.39	4	15	58	32.36	38	41	7.1	Mu.	15	45
13546	4	49.47	4	15	58	36.61 [2]	20	27	34.7	Mu.	260	32
	6	49.46	2			36.66 [3]			32.1	Mu.	255	21
	7	52.38	5			36.74			28.3	Tr.	277	24
	5	51.43	5			37.04			34.1	Mer.	241	24
13547	9	49.47	2	15	58	38. . . [4]	20	31	59.2	Mu.	260	33
	8	51.43	5			38.89			59.5 [5]	Mer.	241	23
	9	52.38	5			38.98			56.6	Tr.	277	25
13548	9	46.46	2	15	58	38.81 [6]	33	37	36.2	Mu.	22	28
13549	8	46.38	2	15	58	48.21	34	45	21.0	Tr.	19	55
	9	46.38	2			48.23			21.9	Mu.	14	53
13550	7	48.47	1	15	58	51.79	24	3	15.5	Mu.	174	36
	6.7	49.33	1			51.80			11.6	Tr.	239	46
	8.9	48.46	3			52.04			14.8 [7]	Mer.	128	8
	7	48.47	3			52.18			17.6	Tr.	168	24
	7	48.43	1			52.28			15.0 [8]	Mu.	170	9
13551	7	46.42	2	15	58	54.95	27	19	27.6	Mer.	25	60
	7	46.52	3			55.08			24.9	Mu.	29	11
	7	47.27	1			55.15			26.2	Mu.	106	26
13552	8.9	49.46	1	15	58	55.97	21	0	15.9	Mu.	256	59
13553	6.7	47.46	2	15	58	59.23 [9]	25	55	13.1	Mer.	191	36
	7	48.43	4			59.53			. . . .	Tr.	164	23
	6	47.48	5			59.67			12.1	Mu.	122	1
	7	48.43	5			59.67			13.0	Mu.	169	40
	4	46.52	3			59.68			11.7	Mu.	31	6
	6	48.42	3			59.75 [10]			12.3	Mu.	167	40
	4	48.40	1			60.05			13.4	Mer.	124	103
13554	9	52.38	5	15	59	6.50	19	34	54.3	Mer.	248	41
13555	9	49.50	3	15	59	10.68	29	35	58.5	Mu.	263	8
	9	49.51	4			10.72			58.1	Mu.	264	4
	8	46.34	1			10.89			56.3	Tr.	17	71
13556	9	48.46	1	15	59	11.91	28	33	51.8	Mu.	173	5
	8	47.44	1			11.95			54.1	Mu.	117	58
	8	47.40	2			12.10			54.6	Mer.	189	27
	8.9	46.40	3			12.24			49.9	Mer.	22	11
	9	47.34	1			12.28			48.7	Tr.	117	3
	9	46.48	2			12.32			49.1	Mu.	27	23
	8	47.29	3			12.34			. . . . [11]	Mer.	94	15
13557	9	48.46	2	15	59	18.43	24	43	11.3	Mer.	128	9
13558	8	46.51	2	15	59	23.62	28	26	. . . . [12]	Tr.	33	29
13559	9	46.38	2	15	59	32. . . [13]	35	6	. . . .	Mu.	14	54
13560	10	49.47	1	15	59	36.28	22	0	9.5	Tr.	245	4
	9	49.33	1			36.42			8.2	Mu.	253	55
	10	51.46	5			36.51			5.8	Tr.	265	17
13561	11	46.40	2	15	59	37.58 [14]	36	46	. . . .	Tr.	22	13
13562	9	46.30	2	15	59	37.65	40	45	18.8 [15]	Mer.	11	116
13563	9	46.46	4	15	59	39.74 [16]	27	57	37.5	Mer.	27	3
13564	10	48.46	2	15	59	40.38	24	58	15.1	Tr.	166	23
13565	9	47.46	1	15	59	40.89	29	51	17.6	Tr.	122	21
	10	46.48	1			40.90 [17]			13.0 [18]	Tr.	32	15
	8.9	49.50	2			41.13 [19]			18.7	Mu.	263	9
	9	47.29	3			41.19			15.7	Tr.	110	26
13566	9	46.46	2	15	59	40.95	31	40	. . . .	Tr.	30	6
13567	7.8	46.38	1	15	59	42.17	34	33	53.0	Tr.	19	56
13568	10	49.47	1	15	59	45.26	22	55	. . . .	Mer.	184	33
13569	7.8	48.48	5	15	59	46.63	23	16	48.0	Mu.	175	32
	7	49.46	3			46.71			51.0	Tr.	243	8
13570	9	46.46	1	15	59	47.57	27	46	64.5 [20]	Mer.	27	4
13571	9.10	49.47	1	15	59	48.11	20	21	11.1	Mu.	260	34
	9	49.46	2			48.47			11.4	Mu.	255	22
13572	9	46.38	1	15	59	48.74	34	44	59.9	Tr.	19	57
13573	8	47.29	1	15	59	54.89	28	53	. . . .	Mer.	94	16
	9	46.34	5			55.10			58.9	Mer.	15	118
13574	7	46.46	2	15	59	59.08 [21]	32	14	39.9 [22]	Mu	25	10
13575	9	46.46	2	16	0	0.08 [23]	32	14	39.9 [22]	Mu.	25	11
13576	7.8	47.48	1	16	0	1.59	30	38	53.8	Tr.	124	12
	7	47.40	2			1.80			48.0	Tr.	119	70
	8	46.38	4			1.93			54.6 [24]	Tr.	18	17
	8	47.48	3			2.01			50.6	Mer.	192	34
	7	47.46	5			2.02			50.3	Mu.	120	33
13577	10	46.26	3	16	0	2.73	39	43	36.6	Tr.	3	2
13578	8.9	46.38	2	16	0	14. . . [25]	35	14	14.0	Mu.	14	55
13579	6.7	46.30	3	16	0	16.35	33	8	28.5	Tr.	15	37
13580	9	46.46	1	16	0	19.97	37	55	27.7	Tr.	29	12
13581	11	49.47	2	16	0	23.53	21	32	18.1 [26]	Tr.	244	11
	10	49.46	2			23.99			2.1 [27]	Mu.	256	60

NOTES.

[1] Separate threads give $31^{\mathrm{s}}.62$, $32^{\mathrm{s}}.47$. Gou gives $32^{\mathrm{s}}.2$.

[2] Separate threads give $36^{\mathrm{s}}.22$, $36^{\mathrm{s}}.83$, $36^{\mathrm{s}}.27$, $37^{\mathrm{s}}.13$.

[3] Separate threads give $36^{\mathrm{s}}.30$, $37^{\mathrm{s}}.01$.

[4] Separate threads give $38^{\mathrm{s}}.28$, $39^{\mathrm{s}}.32$.

[5] Decl. changed three wire intervals north.

[6] One of three threads rejected; R. A. $=37^{\mathrm{s}}.91$.

[7] Decl. changed one rev. north.

[8] Decl. changed one rev. south.

[9] One of three threads rejected; R. A. $=60^{\mathrm{s}}.04$.

[10] One of four threads rejected; R. A. $=59^{\mathrm{s}}.04$.

[11] Decl. changed one wire interval south.

[12] Decl. changed one rev. south.

[13] Separate threads give $32^{\mathrm{s}}.69$, $31^{\mathrm{s}}.80$. GZ gives $32^{\mathrm{s}}.5$.

[14] One of three threads rejected; R. A. $=38^{\mathrm{s}}.57$.

[15] Decl. changed ten rev. south.

[16] R. A. increased 1 min.

[17] R. A. decreased one thread interval.

[18] Decl. changed one rev. south.

[19] One thread decreased 10 sec.

[20] Decl. changed five rev. south. If micrometer reading be assumed as 32.64 instead of 37.14 rev., as recorded, Decl.=47″.2. GZ gives 49″.

[21] R. A. decreased one thread interval.

[22] Only one micrometer reading is given for Mu. 25, Nos. 10 and 11.

[23] R. A. decreased one thread interval.

[24] Decl. changed one wire interval south.

[25] Separate threads give $14^{\mathrm{s}}.61$, $13^{\mathrm{s}}.77$. Gou gives $14^{\mathrm{s}}.3$.

[26] Decl. changed one wire interval north.

[27] If micrometer reading be assumed as 17.274 instead of 17.474 rev., as recorded, Decl.= 14″.7. AW gives 18″.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
13582	9	47.48	2	16	0	27.12	30	50	22.3	Mer.	192	35	
	10	47.40	1			27.16			19.5	Tr.	119	71	
13583	7	47.45	3	16	0	27.69	27	29	24.1	Mu.	118	1	
	6	46.52	3			27.84			27.0	Mu.	29	12	
	8	46.42	3			27.88			24.7	Mer.	25	61	
	8	47.27	2			27.89			25.8	Mu.	106	27	
13584	9.10	48.48	1	16	0	28.06	22	46	32.6	Mu.	175	33	
	8	48.55	2			28.54			34.8	Mu.	181	5	
	8	49.47	3			28.59			....	Mer.	184	34	
13585	8	48.55	2	16	0	29.79	22	32	55.2	Mu.	181	6	
	8	51.48	5			30.08			55.4	Tr.	266	7	
13586	9.10	49.50	2	16	0	32.53	29	52	49.9	Mu.	263	10	
13587	8.9	47.46	3	16	0	37.76[1]	26	2	18.9	Mer.	191	37	[1] R. A. increased one thread interval.
	9	48.43	2			38.30			....	Tr.	164	24	
	9.10	48.42	1			38.32			18.2	Mu.	167	41	
	9	46.52	2			38.37			21.0	Mu.	31	7	
	8	47.34	1			38.39			21.1	Mu.	114	1	
	9	48.43	2			38.50			19.0	Mu.	169	41	
	8.9	47.48	1			38.51[2]			22.9	Mu.	122	2	[2] R. A. decreased one thread interval.
	7	48.40	2			38.72[3]			15.0	Mer.	124	104	[3] One of three threads rejected; R. A.=38^{s}.00.
13588	8	52.38	5	16	0	38.53	19	3	15.3	Mer.	248	42	
13589	9	49.46	4	16	0	48.48	20	12	47.2[4]	Mu.	255	23	[4] Decl. changed one rev. north.
	9.10	49.47	2			48.53			49.5	Mu.	260	35	
	11	48.49	2			48.73			....	Tr.	169	7	
13590	9	48.46	3	16	0	52.72	24	19	42.6	Mer.	128	10	
13591	10	47.46	1	16	0	59.82	30	7	46.9	Tr.	122	22	
	9	47.44	2			59.94			43.8	Mer.	190	38	
	9	46.50	2			59.99[5]			48.2	Mu.	28	19	[5] One of three threads rejected; R. A.=58^{s}.91.
	9	47.47	1			60.20			50.9	Tr.	123	16	
	9	47.48	1			60.11			50.1	Tr.	124	13	
13592	8	47.29	2	16	1	4.07	28	52	....	Mer.	94	17	
	8	47.34	1			4.60			57.5	Tr.	117	4	
	8	46.34	2			4.87			58.0	Mer.	15	119	
	8	48.46	1			5.10			60.4	Mu.	173	6	
13593	8	49.47	1	16	1	4.62	22	0	34.2	Mu.	257	7	
	7	49.33	1			5.29			28.9	Mu.	253	56	
	8	51.43	5			5.41			30.4	Tr.	263	39	
	8	51.46	5			5.41			33.6	Tr.	265	18	
	8.9	49.47	2			5.58			33.4	Tr.	245	5	
13594	7.8	46.39	3	16	1	5.03	40	42	56.8	Mer.	21	17	
	9	46.26	4			5.07			61.8	Mer.	2	11	
	5.6	46.30	6			5.40			59.2	Mer.	11	117	
13595	7	47.34	3	16	1	6.27	26	30	29.0	Mu.	114	2	
	7.8	48.43	3			6.49			30.1	Mu.	169	42	
	7	46.50	5			6.52			28.6	Mer.	33	24	
	7	48.46	5			6.60			28.5	Mu.	172	40	
	6.7	46.52	2			6.90[6]			29.9	Mu.	31	8	[6] One thread increased 10 sec.
	7	47.46	1			6.94			30.8	Mer.	191	38	
13596	7	49.33	3	16	1	9.24	24	10	55.3	Tr.	239	47	
	7.8	48.47	3			9.29			49.9	Tr.	168	25	
	7	48.47	6			9.54			54.1	Mu.	174	37	
	7	48.43	1			9.59[7]			52.5	Mu.	170	10	[7] R. A. increased one thread interval.
13597	10	48.46	3	16	1	9.37	24	57	58.3	Tr.	166	24	
13598	9.10	48.42	2	16	1	13.71	25	53	8.8	Mu.	167	42	
	9	47.48	1			13.72			8.1[8]	Mu.	122	3	[8] Decl. changed five rev. north.
13599	9	46.51	2	16	1	20.70	27	55	....	Tr.	33	30	
	9	47.40	3			21.07[9]			53.8	Mer.	189	28	[9] One of four threads rejected; R. A.=20^{s}.20.
13600	7.8	49.47	1	16	1	27.95	21	45	25.1	Mu.	257	8	
	6	51.43	5			28.04			26.2	Tr.	263	40	
	8	51.46	5			28.05			26.8	Tr.	265	19	
	8	49.47	1			28.18			22.8	Tr.	245	6	
	6	49.33	1			28.46			25.8	Mu.	253	57	
13601	7.8	48.55	3	16	1	29.96	22	42	23.8	Mu.	181	7	
	7	49.47	3			30.13			....	Mer.	184	35	
	7	51.48	5			30.19			22.4	Tr.	266	8	
13602	9	48.46	1	16	1	37.00	24	34	27.2[10]	Mer.	128	11	[10] Decl. changed five rev. south.
13603	5.6	46.34	2	16	1	43.33[11]	29	0	52.1	Mer.	15	120	[11] Two of four threads rejected; R. A.=14^{s}.36, 14^{s}.94.
	6	49.51	5			43.33			54.9	Mu.	264	5	
	3.4	47.34	2			43.51			48.0	Tr.	117	5	
	4	46.48	3			43.55			53.5	Mu.	27	24	
	5.6	47.29	2			43.65[12]			....	Mer.	94	18	[12] Minute assumed. One of three threads rejected; R. A. =41^{s}.47.
	3	48.46	1			43.77			53.9	Mu.	173	7	
13604	8	46.42	1	16	1	44.33[13]	31	23	21.3	Mu.	19	74	[13] Gou gives 46^{s}.1.
13605	11	49.47	1	16	1	49.69	21	14	58.6	Tr.	244	12	
13606	10	48.46	1	16	1	50.75	25	7	25.8	Tr.	166	25	
13607	9	51.46	5	16	1	57.70	21	47	61.0	Tr.	265	20	
	9	49.47	1			57.93[14]			56.7	Mu.	257	9	[14] R. A. decreased one thread interval.
	8	49.33	1			58.06			60.5	Mu.	253	58	
	9.10	49.47	1			58.32			59.9	Tr.	245	7	
13608	9	48.43	1	16	1	57.99	24	43	15.8	Mu.	170	11	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
13609	9	47.40	1	16	1	59.58	30	20	30.6	Tr.	119	72	
	8.9	46.50	3			59.88 [1]			26.5	Mu.	28	20	[1] One thread increased 10 sec.
	8	47.44	1			59.89			27.4	Mer.	190	39	
	9	47.46	1			59.96			27.9	Tr.	122	23	
	8	47.48	1			59.96			29.0	Tr.	124	14	
	8	47.46	2			60.04			27.2	Mu.	120	34	
	9	47.31	1			60.17			41.1 [2]	Mer.	96	21	[2] If micrometer reading be assumed as 37.411 instead of 37.111 rev., as recorded, Decl. = 30″.7.
	8	47.48	2			60.19 [3]			28.6	Mer.	192	36	
13610	9	46.38	4	16	2	6.33	35	12	36.7	Mu.	14	56	
13611	9	52.38	5	16	2	9.75	19	36	47.8	Mer.	248	43	[3] One of three threads rejected; R. A. $=61^{s}.66$.
13612	11	46.30	1	16	2	11.31	33	7	34.1	Tr.	15	38	
13613	9	49.46	1	16	2	11.96	20	0	7.1	Mu.	255	24	
	10	48.49	2			12.24			....	Tr.	169	8	
13614	11	46.46	2	16	2	15.89	31	51	....	Tr.	30	7	
13615	10	48.48	1	16	2	19.08 [4]	22	48	26.0	Mu.	175	34	[4] "Time of transit doubtful."
	9	49.46	2			20.03			27.9	Tr	243	9	
	9	49.47	1			20.27			....	Mer.	184	36	
13616	9	47.46	1	16	2	20.11	26	20	27.5	Mer.	191	39	
	9	47.34	1			20.27			21.0	Mu.	114	3	
13617	8.9	48.46	2	16	2	22.89 [5]	26	45	16.6	Mu.	172	41	[5] R. A. increased one thread interval.
	7	46.52	1			23.01			17.2	Tr.	36	1	
	8	47.34	3			23.05			18.0	Mer.	100	1	
	7.8	47.44	2			23.11			17.7	Tr.	121	22	
	7.8	46.50	4			23.16			18.0	Mer.	33	25	
13618	9.10	48.46	1	16	2	24.66 [6]	26	33	38.4	Mu.	172	43	[6] "Time of transit doubtful."
	9.10	48.43	1			25.49			45.4	Mu.	169	43	
13619	8	46.52	1	16	2	25.46 [7]	26	40	62.3	Tr.	36	2	[7] R. A. increased one thread interval.
	9	47.44	1			25.47			63.8 [8]	Tr.	121	23	[8] Decl. changed one wire interval north.
	9	48.46	3			25.68			59.0	Mu.	172	42	
	9	46.50	3			25.77			62.4	Mer.	33	26	
13620	9	48.46	1	16	2	28.47	24	21	36.8	Mer.	128	12	
13621	9	46.26	2	16	2	32.87 [9]	39	20	49.3	Mu.	1	25	[9] One of three threads rejected; R. A. $=31^{s}.61$.
13622	11	46.34	1	16	2	35.60	29	29	5.6	Tr.	17	72	
13623	8	46.42	2	16	2	38.42	27	9	25.6	Mer.	25	62	
	7	47.45	3			38.58			21.8	Mu.	118	2	
	8	46.52	1			38.60			27.2	Tr.	36	3	
13624	9	46.53	4	16	2	43.20	43	40	57.3	Mer.	40	1	
	8	46.34	4			43.45			51.5	Mer.	14	1	
13625	8	48.42	2	16	2	46.46	25	29	11.7	Mu.	167	43	
	8	47.48	2			46.55			13.6	Mu.	122	4	
	9	48.43	4			46.97			....	Tr.	164	25	
13626	10	49.47	1	16	2	58.37 [10]	22	8	61.7	Mu.	257	10	[10] R. A. decreased one thread interval.
	8	49.33	1			58.89			63.5	Mu.	253	59	
	9	49.47	1			58.92			65.5	Tr.	245	8	
	9	51.46	4			59.13 [11]			61.9	Tr.	265	21	[11] One of five threads rejected; R. A. $=58^{s}.69$.
	8	51.43	5			59.16			57.8	Tr.	263	41	
13627	8.9	46.40	2	16	2	58.82	28	36	28.9	Mer.	22	12	
	9	48.46	1			59.43			27.8	Mu.	173	8	
13628	5	46.51	3	16	3	0.29	28	1	....	Tr	33	31	
	7	46.46	5			0.32			17.1	Mer.	27	5	
	5	47.44	3			0.33 [12]			19.8	Mu.	117	59	[12] One of four threads rejected; R. A. $=2^{m}\ 59^{s}.32$.
	7	46.38	3			0.51			19.7	Mer.	18	20	
	6	47.40	3			0.52			17.2	Mer.	189	29	
13629	9.10	49.47	2	16	3	2.47	20	40	11.2	Mu.	260	36	
	..	51.43	5			2.71			12.0	Mer.	241	25	
	9.10	49.47	2			2.88 [13]			11.8	Mu.	258	1	[13] One of three threads rejected; R. A. $=2^{s}.11$.
13630	10	47.48	1	16	3	3.74	30	28	14.0	Tr.	124	15	
	9	47.40	1			3.86			13.5 [14]	Tr.	119	73	[14] Decl. changed one wire interval and three rev. north.
13631	4	47.45	3	16	3	4.37	27	31	54.8	Mu.	118	3	
	4	46.52	4			4.55			57.0	Mu.	29	13	
	5	46.42	2			4.60 [15]			60.2 [16]	Mer.	25	63	[15] One of three threads rejected; R. A. $=3^{s}.82$.
	4	47.27	3			4.82			54.4	Mu.	106	28	[16] Decl. changed six rev. south.
13632	8	51.43	4	16	3	7.12 [17]	20	42	35.5	Mer.	241	26	[17] One of five threads rejected; R. A. $=6^{s}.76$.
	9.10	49.47	1			7.29			37.9	Mu.	260	37	
13633	9	49.47	1	16	3	9.35	22	51	....	Mer.	184	37	
13634	9	48.48	2	16	3	11.15	23	31	42.7	Mu.	175	35	
	8	49.33	3			11.49			38.0	Tr.	239	48	
	9	48.47	3			11.61			38.0	Mu.	174	38	
13635	8	47.47	2	16	3	16.20	29	45	30.7 [18]	Tr.	123	17	[18] Decl. changed one wire interval north and one rev. south.
	8	47.44	2			16.27 [19]			32.9	Mer.	190	40	
	10	46.48	2			16.46			25.1	Tr.	32	16	[19] One of three threads rejected; R. A. $=17^{s}.17$.
	8.9	49.51	5			16.62			32.4	Mu.	264	6	
	8	46.50	2			16.65			32.9	Mu.	28	21	
	8.9	47.46	2			16.67			32.4	Tr.	122	24	
	7	46.34	1			16.82			32.2	Tr.	17	73	
	8	49.50	4			16.97			31.7	Mu.	263	11	
13636	3	52.38	5	16	3	17.10	19	3	57.6	Mer.	248	44	
13637	10	49.46	1	16	3	17.58	20	59	28.3	Mu.	256	61	
	11	49.47	1			17.68			25.6	Tr.	244	13	
13638	8	47.40	1	16	3	27.33	27	55	47.0 [20]	Mer.	189	30	[20] Decl. changed five rev. south.
	9	46.46	3			27.74			45.4	Mer.	27	6	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
13639	8	46.46	4	16	3	31.63	33	54	56.9	Mu.	22	29	
13640	8	46.52	1	16	3	35.54	27	44	28.0	Mu	29	14	
	8.9	46.46	3			35.65			29.1[1]	Mer.	27	7	[1] Decl. changed one wire interval north.
	8	46.42	2			35.71			26.6	Mer.	25	64	
	8	47.45	1			36.63			26.5	Mu.	118	4	
13641	9	52.38	4	16	3	38.61[2]	19	11	12.3[3]	Mer.	248	46	[2] One of five threads rejected; R. A.=38^{s}.13.
13642	9	46.34	5	16	3	48.57	29	15	25.6[4]	Mer.	15	121	[3] "Obs. for declination bad."
	9	49.51	1			48.62			23.2	Mu.	264	7	[4] Decl. changed one rev. north.
	9	46.34	1			48.68			23.5	Tr.	17	74	
13643	11	46.46	2	16	3	51...[5]	31	44	....	Tr.	30	8	[5] Separate threads give 50^{s}.86, 51^{s}.94. GZ gives 51^{s}.3.
13644	9.10	46.38	1	16	3	56.56	35	24	27.7	Mu.	14	57	
13645	10	49.46	2	16	3	59.11	22	56	18.5	Tr.	243	10	
13646	9	52.38	5	16	4	1.13	19	6	38.2	Mer.	248	45	
13647	9	48.46	1	16	4	15.49	27	0	46.1	Mu.	172	44	
	10	47.44	1			15.81			47.8	Tr.	121	24	
	8	47.34	2			16.15			43.5	Mer.	100	2	
	9	46.52	1			16.15			49.5	Tr.	36	4	
13648	9	47.44	1	16	4	17...[6]	30	5	27.5[7]	Mer.	190	41	[6] "Time of transit doubtful."
	9	47.48	1			17.73			26.8	Tr.	124	16	[7] Decl. changed five rev. north.
13649	9.10	46.38	1	16	4	17.92	35	22	31.2	Mu.	14	58	
13650	10	51.46	5	16	4	17.96	22	5	40.0	Tr.	265	22	
	9	49.33	1			18.16			40.0	Mu.	253	60	
	9	49.47	2			18.27			46.8	Tr.	245	9	
13651	8	47.29	2	16	4	20...[8]	28	40	....	Mer.	94	19	[8] Separate threads give 20^{s}.17, 19^{s}.09.
	8	46.48	2			20.04			1.3	Mu.	27	25	
	7.8	46.34	2			20.10			0.3	Mer.	15	122	
	7	47.34	2			20.23			2.0	Tr.	117	6	
	7	48.46	1			20.30			1.0	Mu.	173	9	
	7.8	46.40	2			20.30			2.0	Mer.	22	13	
13652	9	47.31	..	16	4	27...	29	49	19.3	Mer.	96	22	
	7.8	47.46	2			27.36			18.8	Tr.	122	25	
	7	46.50	2			27.50			21.0	Mu.	28	22	
	9	46.46	2			27.57			17.5	Tr.	32	17	
	8	46.29	5			27.60			18.7	Mer.	9	9	
	8	49.50	4			27.62			18.6	Mu.	263	12	
	9	49.51	1			28.01			20.3	Mu.	264	8	
13653	10	49.47	1	16	4	31.48	21	34	20.5	Tr.	244	14	
13654	8	46.39	3	16	4	38.63	38	44	33.8	Mu.	15	46	
	10	46.39	5			38.80			....	Tr.	21	17	
13655	8	46.46	4	16	4	42.55	27	51	47.4	Mer.	27	8	
	9	47.40	2			42.57			51.8	Mer.	189	31	
	7	47.44	2			42.71			48.6	Mu.	117	60	
	7	47.45	2			42.77			52.0	Mu.	118	5	
	8	46.52	2			42.78			52.0	Mu.	29	15	
13656	6	46.42	4	16	4	43.32	31	15	53.9	Mu.	19	75	
13657	6	49.33	1	16	4	44.53[9]	24	1	55.9	Tr.	239	50	[9] Minute assumed.
	8.9	48.46	3			44.57			58.5	Mer.	128	13	
	6.7	48.47	3			44.57			63.1	Tr.	168	26	
	8	48.47	3			44.64			59.4	Mu.	174	39	
	7	48.43	2			44.87			59.2	Mu.	170	12	
13658	9	48.45	2	16	4	45.51	25	54	7.0	Tr.	165	1	
	9.10	48.42	3			46.08			1.6	Mu.	167	44	
	9	47.48	2			46.11			2.2	Mu.	122	5	
	10	48.43	3			46.23			....	Tr.	164	26	
	9	47.34	1			46.37			0.0	Mu.	114	4	
13659	6	46.46	5	16	4	46.92	32	37	24.4	Mu.	25	12	
13660	9	49.33	3	16	4	47.99	23	51	59.9	Tr.	239	49	
	9	48.47	1			48.11			60.8	Mu.	174	40	
13661	11	46.26	3	16	4	50.77	39	14	25.7	Tr.	3	3	
13662	8	49.47	2	16	4	51.60[10]	21	0	44.0	Mu.	260	38	[10] Separate threads give 51^{s}.96, 51^{s}.24.
	7	49.46	3			51.62			43.6	Mu.	256	62	
	7	49.47	2			51.75			43.4	Tr.	244	15	
	6	51.43	5			51.79			45.5[11]	Mer.	241	27	[11] Decl. changed seven wire intervals south.
	7	49.47	4			51.83			43.0	Mu.	258	2	
13663	7.8	46.52	6	16	4	59.22[12]	42	30	53.2	Mer.	34	7	[12] One of seven threads rejected; R. A.=58^{s}.50.
	7.8	46.53	6			59.34			52.0	Mer.	42	1	
	8	46.52	6			59.37			51.7	Mer.	36	1	
13664	8.9	48.48	3	16	5	3.19	23	23	11.5	Mu.	175	36	
	9	49.46	2			3.36			9.6	Tr.	243	11	
13665	9	46.46	7	16	5	19.15	41	15	53.0	Mer.	26	39	
13666	9	49.47	2	16	5	27.71	21	44	58.2	Mu.	257	11	
	9	51.46	5			28.01			56.8	Tr.	265	23	
	7	49.33	1			28.15			59.6	Mu.	253	61	
13667	7	49.47	2	16	5	39.84	20	43	16.5	Mu.	258	3	
	6	51.43	5			40.02			15.0	Mer.	241	28	
	7	49.47	3			40.10			13.3[13]	Mu.	260	39	[13] Micrometer rev. assumed.
13668	8	46.53	4	16	5	41.92[14]	42	44	36.1	Mer.	42	2	[14] First two threads increased 1 sec. each.
	9	46.52	3			41.95			31.2	Mer.	34	8	
	9	46.52	7			42.44			29.8	Mer.	36	2	
13669	11	46.52	2	16	5	45.55	34	52	....	Tr.	37	1	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
13670	8	48.46	4	16	5	48.30	25	5	34.8	Tr.	166	26	
13671	9.10	49.46	4	16	5	54.48[1]	19	50	52.9	Mu.	255	25	[1] One thread decreased 10 sec. R. A. increased 1 sec. since when compared with AW and CiZ, the four threads of Mu. 255, No. 25, and the first three threads of Mu. 255, No. 26, appear to be 1 sec. small. AW gives $54^{s}.4$. CiZ gives $54^{s}.6$.
	11	48.49	1			55.98			....	Tr.	169	9	
13672	8.7	49.47	3	16	5	59.90	21	59	45.9	Tr.	245	10	
	8	49.47	2			59.98			43.2	Mu.	257	12	
	6.7	49.33	2			60.02			41.9	Mu.	253	62	
	8	51.46	5			60.03			42.0	Tr.	265	24	
13673	10	48.46	3	16	6	6.64	24	12	21.6[2]	Mer.	128	14	[2] If micrometer reading be assumed as 38.94 instead of 38.64 rev., as recorded, Decl. = 11″.3. AW gives 12″.
13674	7	46.52	3	16	6	7.98	26	49	15.9	Tr.	36	5	
	7.8	46.50	7			8.01			18.7	Mer.	33	27	
	8	47.44	2			8.06			14.2[3]	Tr.	121	25	[3] Decl. changed one wire interval south.
	8	48.46	2			8.07[4]			16.2	Mu.	172	45	[4] One of three threads rejected; R. A. = $7^{s}.25$.
	8	47.34	4			8.18[5]			16.9	Mer.	100	3	[5] One of five threads rejected; R. A. = $7^{s}.25$.
13675	8	46.40	3	16	6	28.43	28	37	41.0	Mer.	22	14	
	9	48.46	1			28.63			42.7	Mu.	173	10	
	8.9	47.29	2			28.70			....	Mer.	94	20	
	8	46.51	2			28.73			....[6]	Tr.	33	32	[6] Decl. changed two rev. south.
	9	46.34	4			28.74			42.4	Mer.	15	123	
13676	7	47.46	1	16	6	37.92	30	14	22.2	Mu.	120	35	
	7	47.48	2			37.99			23.7	Tr.	124	17	
	8	47.46	2			38.08			18.4	Tr.	122	26	
	8	47.47	2			38.14			20.2	Tr.	123	18	
	7.8	46.50	5			38.18			24.5	Mu.	28	23	
	7.8	47.31	7			38.22			23.4	Mer.	96	23	
	7	47.44	4			38.32[7]			24.3	Mer.	190	42	[7] One of five threads rejected; R. A. = $36^{s}.56$.
13677	9	49.47	2	16	6	38.04	21	12	18.1	Tr.	244	16	
	9.10	49.46	4			38.13[8]			20.3	Mu.	256	63	[8] R. A. decreased 1 min.
13678	9	48.46	3	16	6	43.17	24	44	7.7	Tr.	166	27	
	8	48.43	1			43.55			8.1	Mu.	170	13	
13679	9	49.47	2	16	6	46.91	22	25	....	Mer.	184	38	
13680	8.9	46.34	4	16	6	55.30	28	51	39.2	Mer.	15	124	
13681	9	49.46	4	16	7	5.24[9]	19	41	37.3	Mu.	255	26	[9] First three threads increased 1 sec. each. AW gives $5^{s}.4$. CiZ gives $5^{s}.1$. See note on No. 13671_1.
	..	52.38	5			5.29			40.4[10]	Mer.	248	47	
13682	9	47.40	2	16	7	6. ..[11]	27	46	61.1	Mer.	189	32	
	9	46.46	4			6.25			58.4	Mer.	27	9	[10] Decl. changed one wire interval north.
	8.9	47.45	2			6.43			59.1	Mu.	118	6	[11] Separate threads give $6^{s}.86$, $6^{s}.05$.
13683	9	47.46	1	16	7	18.33	30	30	10.6	Mu.	120	36	
	9	47.48	1			18.67			9.2[12]	Tr.	124	18	[12] Decl. changed two rev. north.
	9	47.40	1			18.73			7.4	Tr.	119	74	
	9	47.48	1			19.80			13.4	Mer.	192	37	
13684	10	48.46	1	16	7	19.00	24	40	55.6	Mer.	128	15	
13685	10	48.46	1	16	7	21.30	24	36	25.9	Mer.	128	16	
	9	48.47	1			21.56			32.0	Tr.	168	27	
	8	48.43	1			22.00			29.2	Mu.	170	14	
13686	8	49.47	2	16	7	21.81	22	46	....	Mer.	184	39	
	8.9	48.55	2			21.86			46.3	Mu.	181	8	
	7	51.48	5			21.96			50.4	Tr.	266	9	
	9	49.46	2			22.20			54.1	Tr.	243	12	
	9.10	48.48	2			22.30			47.9	Mu.	175	37	
13687	8	48.47	5	16	7	25.94	23	54	9.1	Mu.	174	41	
	8	49.33	2			26.11			10.1	Tr.	239	51	
13688	9	46.46	2	16	7	29.12	27	53	37.9	Mer.	27	10	
13689	8	46.34	2	16	7	30.07	29	21	52.3	Tr.	17	75	
	7.8	46.29	7			30.19			50.5	Mer.	9	10	
	8.9	49.50	4			30.28			52.0	Mu.	263	13	
	8	49.51	5			30.34			53.0	Mu.	264	9	
13690	8	46.52	2	16	7	41.79	34	26	....	Tr.	37	2	
	8	46.38	3			41.98			39.8	Tr.	19	58	
13691	9	48.42	2	16	7	43.75	25	29	2.6	Mu.	167	45	
	9	48.43	2			43.77			....	Tr.	164	27	
	7.8	47.48	4			43.81			1.4	Mu.	122	6	
13692	10	48.47	2	16	7	44.91	24	32	19.4	Tr.	168	28	
13693	9	46.46	4	16	7	47.37	37	22	26.4	Mu.	24	18	
13694	8.9	48.55	1	16	7	56.24	22	43	54.9	Mu.	181	9	
	7	49.47	1			56.58			....	Mer.	184	40	
	9	48.48	3			56.81			55.6	Mu.	175	38	
13695	7.8	49.46	5	16	8	8.69	20	55	31.5	Mu.	256	64	
	7.8	49.47	3			8.78			33.1	Mu.	260	40	
	6	51.43	5			8.82			30.3	Mer.	241	29	
	8	49.47	5			8.89			32.5	Mu.	258	4	
	8	49.47	2			9.01			30.9	Tr	244	17	
13696	7	49.46	3	16	8	13.51	19	43	34.2	Mu.	255	27	
	7	52.38	5			13.52			34.6	Mer.	248	48	
	8	48.49	3			13.65			....	Tr.	169	10	
13697	9.10	48.47	1	16	8	15.38	23	50	46.1	Mu.	174	42	
13698	8.9	48.55	1	16	8	18.61	22	32	41.8	Mu.	181	10	
	7	49.47	1			18.92			....	Mer.	184	41	
13699	9	49.50	2	16	8	20.90	29	25	8.1[13]	Mu.	263	14	[13] Decl. changed ten rev. north.
	9	46.48	3			20.94			8.0	Tr.	32	18	
	8.9	49.51	3			21.06[14]			9.3	Mu.	264	10	[14] One of four threads rejected; R. A. = $20^{s}.27$.
	8	46.34	2			21.11			6.1	Tr.	17	76	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
13700	7	46.40	4	16	8	27.57	36	11	31.1	Mu.	16	37	
13701	7	46.38	2	16	8	29.40	34	32	20.7	Tr.	19	59	
	7	46.52	3			29.58			....	Tr.	37	3	
13702	7	46.42	2	16	8	34...[1]	31	16	36.4	Mu.	19	76	[1] Separate threads give 35^s.45, 34^s.45. GZ gives 34^s.9.
13703	10.11	46.46	1	16	8	35.65	38	16	38.3	Tr.	29	13	
13704	9.10	48.47	1	16	8	47.20	23	46	14.8[2]	Mu.	174	43	[2] Decl. changed one rev. north.
	9	49.33	2			47.45			13.9	Tr.	239	52	
13705	9	46.46	2	16	8	47.73[3]	33	38	7.9	Mu.	22	30	[3] One thread decreased one thread interval.
13706	9	46.38	..	16	8	51...	35	2	1.0	Mu.	14	60	
13707	7	46.53	7	16	8	52.00	42	18	2.3	Mer.	42	3	
	7	46.52	7			52.15			3.8	Mer.	34	9	
13708	9	49.47	1	16	8	54.79	21	31	27.0[4]	Tr.	244	18	[4] Decl. changed one wire interval north.
	8	49.46	3			54.93			28.4	Mu.	256	65	
	10	49.47	2			55.31			30.2	Mu.	257	13	
	9	49.47	2			55.36			33.6	Tr.	245	11	
13709	4	46.51	4	16	9	0.00	28	14	....	Tr.	33	33	
	5.6	46.40	4			0.20			8.8[5]	Mer.	22	15	[5] Decl. changed one wire interval north.
	7	46.46	3			0.23			10.8	Mer.	27	12	
	4	47.44	5			0.27			9.5	Mu.	117	61	
	6	46.38	6			0.28			7.4	Mer.	18	21	
	4	47.40	3			0.34[6]			6.7	Mer.	189	33	[6] Three of six threads rejected; R. A.=8^m 61^s.43, 59^s.53, 58^s.89.
13710	6.7	47.45	5	16	9	0.56	27	39	60.6	Mu.	118	7	
	8	46.42	2			0.61			57.8	Mer.	25	65	
	8	46.46	3			0.67			61.1	Mer.	27	11	
	7	46.52	4			0.81			60.2	Mu.	29	16	
13711	10	47.40	1	16	9	9.07	30	45	6.2	Tr.	119	75	
13712	10	47.40	1	16	9	27.51	30	35	3.4	Tr.	119	76	
	9	47.48	1			27.73			6.7	Tr.	124	19	
	9	47.48	2			28.33[7]			7.0	Mer.	192	38	[7] R. A. increased 1 min.
13713	8	47.47	2	16	9	28.67	30	7	28.1	Tr.	123	19	
	8.9	46.50	2			28.73[8]			32.5	Mu.	28	24	[8] R. A. increased 1 min.
	8.9	49.50	2			28.89			34.2	Mu.	263	15	
	8	47.31	1			29.11[9]			33.3	Mer.	96	24	[9] R. A. decreased 1 min.
13714	7.8	46.38	4	16	9	29.62	35	7	5.0	Mu.	14	59	
13715	8	48.55	3	16	9	30.80	22	53	69.6	Mu.	181	11	
	6	49.47	2			30.85[10]			....	Mer.	184	42	[10] Threads discordant; no definite thread intervals available.
	8	48.48	4			31.15			61.7	Mu.	175	39	
	8	49.46	3			31.21			58.3	Tr.	243	13	
13716	8	47.47	2	16	9	38.78	30	3	9.4	Tr.	123	20	
	8.9	49.50	3			39.05			13.7	Mu.	263	16	
	8	47.31	1			39 23[11]			16.1	Mer.	96	25	[11] R. A. decreased 1 min.
	9	47.44	1			39.51			8.9	Mer.	190	43	
	9	46.50	3			39.61[12]			10.1	Mu.	28	25	[12] R. A. increased 1 min. One of four threads rejected; R. A.=38^s.58.
13717	7	46.53	2	16	9	43.65	40	26	23.0[13]	Mu.	34	1	[13] Decl. changed five rev. south. Gou gives 38″. GZ gives 36″.
	8	46.30	5			43.81			35.6	Mer.	11	118	
13718	9	47.31	1	16	9	45.79	30	15	12.9	Mer.	96	26	
13719	10	49.47	1	16	9	47.91	21	13	4.6	Tr.	244	19	
13720	9	46.46	4	16	9	50.90	27	54	39.7	Mer.	27	13	
	7	47.45	2			50.90[14]			46.6	Mu.	118	8	[14] R. A. decreased one thread interval.
	8	47.44	2			51.05			43.4	Mu.	117	62	
	7	46.52	3			51.19			43.8	Mu.	29	17	
	9	47.40	1			51.36			45.0	Mer.	189	34	
13721	7.8	47.46	3	16	10	2.80	30	31	56.4	Mu.	120	37	
	9	47.48	3			2.96			58.3	Mer.	192	39[15]	[15] "First of double."
	8	47.48	1			2.96			57.7	Tr.	124	20[16]	[16] "Took first in R. A."
	7	47.40	1			3.05			58.6[17]	Tr.	119	77[18]	[17] Decl. changed one wire interval north.
13722	6.7	47.46	4	16	10	3.89[19]	30	32	12.8	Mu.	120	38	[18] "Double, took first."
13723	7	46.39	4	16	10	4.33	39	7	50.0	Mu.	15	47	[19] One of five threads rejected; R. A.=4^s.93.
13724	10	46.26	2	16	10	5.62	39	15	43.3	Tr.	3	4	
	7	46.52	1			5.63			43.3	Tr.	34	1	
13725	9	46.46	1	16	10	6.46	33	46	46.7	Mu.	22	31	
13726	9	49.51	5	16	10	9.11	29	34	35.6	Mu.	264	11	
	8	46.34	1			9.41			33.4	Tr.	17	77	
13727	7	47.48	3	16	10	16.23	25	23	21.6	Mu.	122	7	
	9	48.42	3			16.48			20.8	Mu.	167	46	
	9	48.46	3			16.50			21.6	Tr.	166	28	
	8	48.43	4			16.65			....	Tr.	164	28	
13728	9	46.40	2	16	10	16...[20]	35	54	43.3	Mu.	16	38	[20] Separate threads give 16^s.53, 18^s.49. GZ gives 16^s.4.
13729	8	48.49	2	16	10	20.86	19	50	....	Tr.	169	11	
	7	49.46	5			21.26			49.4	Mu.	255	28	
13730	9	46.34	4	16	10	21.52	29	4	15.3	Mer.	15	125	
	9	46.34	1			21.60			17.0	Tr.	17	78	
13731	8	46.39	7	16	10	24.88	39	3	....	Tr.	21	18	
	6	46.39	4			24.95			39.0	Mu.	15	48	
13732	9	49.46	3	16	10	38.19	21	1	58.9	Mu.	256	66	
	10	49.47	1			38.70			57.0	Tr.	244	20	
13733	10	46.52	2	16	10	41.89	34	36	....	Tr.	37	4	
13734	11	49.47	1	16	10	42.11	22	4	3.3	Mu.	257	14	
13735	9	46.51	2	16	10	56.75	28	20	....	Tr.	33	34	
	9	47.44	1			56.79			51.4[21]	Mu.	117	63	[21] Decl. changed one rev. north.
	9	47.40	1			56.87			54.1	Mer.	189	35	

NO	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
13736	9.10	48.42	1	16	11	2.96	25	29	....	Mu.	167	47_1[1]	[1] It is assumed that the R. A. and Decl. of Mu. 167, No. 47, belong to different stars.
13737	9	48.47	2	16	11	3.30	23	59	49.0	Mu.	174	44	
	9	49.33	2			3.48			49.1	Tr.	239	53	
13738	8	51.43	5	16	11	6.80	20	24	53.7	Mer.	241	30	
	9.10	49.47	4			6.88			53.2	Mu.	258	5	
	9	49.46	3			7.03			52.3	Mu.	255	29	
	9	49.47	1			7.05			52.6	Mu.	260	41	
13739	..	48.42	..	16	11	8...	25	16	40.9	Mu.	167	47_2[1]	
13740	8	46.48	1	16	11	11.21	29	8	51.3	Mu.	27	26	
	9	47.34	1			11.34			50.0	Tr.	117	7	
	8	46.48	1			11.39			43.7[2]	Tr.	32	19	[2] Decl. changed one rev. north.
	8	46.29	7			11.62			54.7	Mer.	9	11	
	7	46.34	7			11.63			54.7	Mer.	15	126	
	6	48.46	2			11.63			52.3	Mu.	173	11	
	7	46.34	1			11.73			52.6	Tr.	17	79	
	9	49.51	4			11.82			52.0	Mu.	264	12	
	7	47.29	3			11.83			....	Mer.	94	21	
13741	8	48.49	2	16	11	18.19	19	40	....	Tr.	169	12	
	9	49.47	1			18.40			33.9	Mu.	259	1	
13742	8	49.47	1	16	11	19.73	19	41	17.9	Mu.	259	2	
13743	9	47.40	1	16	11	22.85	28	22	39.8	Mer.	189	36	
13744	8	46.46	7	16	11	23.49	41	38	24.1	Mer.	26	40	
	8	46.38	5			23.66			19.0	Mer.	19	27	
	9.10	46.30	5			23.82[3]			19.2	Mer.	13	71	[3] One of six threads rejected; R. A.=23^s.05.
13745	9	49.46	3	16	11	36.70	21	8	30.0	Mu.	256	67	
	9	49.47	1			36.72			23.9	Tr.	244	21	
13746	6	48.47	5	16	11	37.01	23	48	9.9	Mu.	174	45	
	7	49.33	2			37.14			11.0	Tr.	239	54	
13747	10	49.46	2	16	11	37.31	21	4	57.3	Mu.	256	68	
13748	9	49.46	1	16	11	43.95	19	45	1.9[4]	Mu.	255	30	[4] Decl. changed five rev. north.
	10	48.49	1			43.99			....	Tr.	169	13	
13749	9.10	49.46	1	16	11	44.75	19	44	49.3[5]	Mu.	255	31	[5] Decl. changed five rev. north.
13750	9	46.52	6	16	11	44.81	42	50	10.7	Mer.	36	3	
13751	7	46.30	3	16	11	47.71	32	56	8.1	Tr.	15	39	
13752	10	47.47	2	16	11	50...[6]	29	44	10.5[7]	Tr.	123	21	[6] Separate threads give 50^s.93, 50^s.01.
	9	47.31	2			50.49			13.0	Mer.	96	27	[7] Decl. changed one wire interval north.
	9	49.51	1			50.50			12.5	Mu.	264	13	
	8	47.44	3			50.68[8]			15.2	Mer.	190	44	[8] One of four threads rejected; R. A.=49^s.48.
	9	49.50	4			50.75			12.1	Mu.	263	17	
	8.9	46.50	3			50.86[9]			12.7	Mu.	28	26	[9] One thread decreased 10 sec.
	8	46.34	1			51.04			10.9	Tr.	17	80	
13753	7.8	49.47	1	16	11	50.57	21	28	29.6	Tr.	244	22	
13754	9	51.43	5	16	11	54.17	20	35	18.1	Mer.	241	31	
13755	11	49.47	2	16	11	54.56	22	13	46.1	Mu.	257	15	
	10	49.47	3			54.93			44.1	Tr.	245	12	
	9.10	48.55	2			55.03			42.1	Mu.	181	12[10]	[10] "Too faint."
13756	7.8	46.53	7	16	11	55.53	43	32	56.2	Mer.	40	2	
	6.7	46.34	5			55.73			58.5	Mer.	14	2	
13757	2	48.42	3	16	12	4.38	25	13	36.5	Mu.	167	48	
	4	47.48	4			4.45			41.0	Mu.	122	8	
	6	48.46	4			4.58			43.5	Tr.	166	29	
	4	48.41	2			5.02			40.6	Mu.	166	1	
13758	11	46.52	2	16	12	4.46	34	32	....	Tr.	37	5	
13759	8	47.34	2	16	12	5.03	26	52	2.0	Mer.	100	4	
	10	46.52	1			5.48			0.8	Tr.	36	6	
13760	9	48.47	1	16	12	19.44	23	20	34.9	Mu.	174	46	
	8	48.48	3			19.79			36.7	Mu.	175	40	
	8	49.46	3			19.99			35.4	Tr.	243	14	
13761	8	47.45	4	16	12	20.53	27	34	0.8	Mu.	118	9	
13762	8	46.52	1	16	12	22.09	39	50	57.0	Tr.	34	2	
	8	46.53	4			22.21			51.7	Mu.	34	2	
13763	9	49.47	1	16	12	23.71[11]	19	34	16.5	Mu.	259	3	[11] R. A. increased one thread interval.
13764	9	49.47	1	16	12	27.40	21	44	43.8	Mu.	257	16	
	10	51.46	5			27.74			47.1	Tr.	265	25	
13765	9.10	46.46	1	16	12	30.46[12]	33	55	21.6	Mu.	22	32	[12] GZ gives 33^s.1.
13766	9	48.41	2	16	12	39.84	25	35	1.6	Mer.	125	1	
13767	9.10	46.46	2	16	12	42.64	33	59	0.7	Mu.	22	33	
13768	8	47.46	2	16	12	51.68	30	53	22.7	Mu.	120	39	
	7	46.42	2			51.71			27.0	Mu.	19	77	
	9	47.48	2			51.73[13]			25.3	Mer.	192	40	[13] R. A. decreased one thread interval. Separate threads give 52^s.13, 51^s.34.
	8	47.40	1			51.84			22.2	Tr.	119	78	
13769	9	48.43	1	16	12	53.04[14]	24	37	27.9	Mu.	170	15	[14] R. A. increased one thread interval.
	9	48.47	3			53.15			25.7	Tr.	168	29	
	9.10	48.46	2			53.77			34.3	Mer.	128	17	
13770	7.8	47.46	2	16	12	57.69	30	49	17.1	Mu.	120	40	
	8	47.40	1			57.83			18.9	Tr.	119	79	
	8	47.48	2			58.10[15]			18.5	Mer.	192	41	[15] R. A. decreased one thread interval.
	8	47.48	1			58.19			24.5	Tr.	124	21	
13771	7	46.40	4	16	13	9.85	37	3	....[16]	Tr.	22	14	[16] Decl. changed one wire interval south.
13772	10	49.47	1	16	13	17.56[17]	21	17	35.1	Tr.	244	23	[17] R. A. decreased one thread interval.
	9	49.46	2			17.76			35.7	Mu.	256	69	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
13773	8	46.39	4	16	13	22.21	40	42	54.8	Mer.	21	18	
	8	46.30	5			22.22			57.5	Mer.	11	119	
13774	9	47.48	1	16	13	23.58	30	24	14.1	Tr.	124	22	
	9	47.46	1			24.07			13.8	Mu.	120	41	
	9	47.44	3			24.17			13.8	Mer.	190	45	
13775	6.7	46.38	2	16	13	25.16	34	33	51.6	Tr.	19	60	
	8	46.52	3			25.35			....	Tr.	37	6	
13776	8.9	46.39	2	16	13	27.20	40	53	18.3	Mer.	21	19	
13777	9.10	49.50	3	16	13	32.96	29	44	16.4	Mu.	263	18	
	9	46.34	2			33.39			12.9	Tr.	17	81	
13778	9	48.46	1	16	13	33.69	24	1	9.0[1]	Mer.	128	18	[1] If micrometer reading be assumed as 47.582 instead of 47.882 rev., as recorded, Decl. = 19″.4. Bo VI gives 18″. GZ gives 20″.
	9.10	48.47	2			33.88			23.0	Mu.	174	47	
13779	9	46.34	4	16	13	45.46	43	22	25.2	Mer.	14	3	
13780	7	47.45	2	16	13	48.54	27	31	18.0	Mu.	118	10	
	7	46.52	4			48.79			19.3	Mu.	29	18	
13781	4	46.39	5	16	13	52.34	38	50	12.2	Mu.	15	49	
	7	46.39	5			52.64			....[2]	Tr.	21	19	[2] Decl. changed one wire interval north.
13782	9	46.40	3	16	13	53.55	36	5	37.8	Mu.	16	39	
13783	8	48.55	7	16	13	54.14	22	45	34.3	Mu.	181	13	
	8	48.49	4			54.27			32.4	Mu.	177	1	
	8	49.46	2			54.29			38.5	Tr.	243	15	
	8.9	48.48	4			54.38			32.6	Mu.	175	41	
13784	9	48.41	2	16	14	13.33[3]	26	0	45.6	Mer.	125	2	[3] One of three threads rejected; R. A. = 12^{s}.54.
	10	47.46	1			13.59			45.0	Mer.	191	40	
13785	8	46.46	2	16	14	18.24	32	50	33.4	Mu.	25	13	
13786	9.10	49.46	2	16	14	18.98[4]	20	55	32.6	Mu.	256	70	[4] Observer suggests times of transit probably 1 sec. small.
	10	49.47	1			20.20			34.7	Mu.	258	6	
	9	51.43	5			20.32			34.4	Mer.	241	32	
	10	49.47	1			20.64			36.1	Tr.	244	24	
13787	8	47.46	1	16	14	25.46	29	49	31.8	Tr.	122	27	
	9	47.47	1			25.64			30.8[5]	Tr.	123	22	[5] Decl. changed one wire interval north.
	9	47.44	2			25.84			32.3	Mer.	190	46	
	8.9	49.50	2			25.96			32.1	Mu.	263	19	
	8	46.50	4			26. . .[6]			32.6	Mu.	28	27	[6] Three threads decreased one thread interval each. The first two threads give 25^{s}.70, the last two 26^{s}.62. To decrease the last two threads 1 sec. each would apparently require a similar decrease in the two threads of Mu. 28, No. 28, since for these four threads the two stars were observed alternately. To change Mu. 28, No. 28, 1 sec. is unallowable.
	8	47.31	1			26.48			28.9	Mer.	96	28	
13788	6.7	46.46	4	16	14	32.17	37	12	35.6	Mu.	24	19	
	6	46.40	3			32.30			....[7]	Tr.	22	15	
13789	9	48.45	3	16	14	37.35	25	54	53.2	Tr.	165	2	
	9	48.41	2			37.45			51.0	Mer.	125	3	
	9	48.42	3			37.45			52.8	Mu.	167	49	
	9	47.48	2			37.65			52.4	Mu.	122	9	
	9.10	48.43	2			37.79			55.6	Mu.	169	44	
13790	9	47.44	2	16	14	41.16	29	48	17.9	Mer.	190	47	[7] Decl. changed one wire interval south.
	8	47.31	2			41.17			15.3	Mer.	96	29	
	8.9	49.50	3			41.36			14.6	Mu.	263	20	
	9	47.46	1			41.39			13.0	Tr.	122	28	
	9	46.50	2			41.40[8]			14.9	Mu.	28	28	[8] One thread decreased one thread interval.
	8	46.34	1			41.51			14.6	Tr.	17	82	
13791	6.7	46.38	1	16	14	43.13	34	49	12.0	Tr.	19	61	
	8	46.38	4			43.29			13.0	Mu.	14	61	
13792	10	47.48	1	16	14	44.48	30	21	5.4	Tr.	124	23	
	10	47.48	1			44.88			9.0	Mer.	192	42	
13793	8	46.46	2	16	14	50.12	38	5	35.7	Tr.	29	14	
13794	10	48.46	2	16	14	56. . .[9]	25	3	2.6	Tr.	166	30	[9] Separate threads give 57^{s}.04, 56^{s}.33. CPD gives 56^{s}.1.
13795	6	46.38	1	16	14	57.09	34	32	....	Tr.	19	62	
	8	46.52	2			57.15			....	Tr.	37	7	
13796	10	49.47	2	16	14	57.58	22	0	53.3	Tr.	245	13	
	11	49.47	1			57.58			50.9	Mu.	257	17	
13797	12	46.29	3	16	15	10.77	35	47	24.3[10]	Tr.	12	18	[10] Decl. changed one wire interval south.
13798	9	49.46	2	16	15	14.13	23	8	34.0	Tr.	243	16	
13799	6	46.34	3	16	15	14.06[11]	29	20	54.0[12]	Mer.	15	127	[11] One of four threads rejected; R. A. = 14^{s}.96.
	6	46.34	2			14.99			51.5	Tr.	17	83	[12] Decl. changed one rev. north.
	8	49.51	4			15.03			51.8	Mu.	264	15	
	7	46.48	3			15.18			51.2	Tr.	32	20	
13800	8.9	49.51	4	16	15	14.93	29	20	45.6	Mu.	264	14	
	4	46.29	7			15.03			42.6	Mer.	9	12	
13801	9	48.41	1	16	15	16.24	24	40	16.8[13]	Mu.	166	2	[13] Decl. changed one rev. south.
	10	48.47	2			16.44[14]			11.0	Tr.	168	30	[14] One thread decreased 10 sec.
	9	48.46	2			16.52[15]			12.5[16]	Mer.	128	19	[15] One of three threads rejected; R. A = 15^{s}.49.
	10	48.43	1			17.06			15.9	Mu.	170	16	[16] Decl. changed one rev. south.
13802	7	46.52	2	16	15	16.91	26	47	45.8	Tr.	36	7	
	8	47.34	5			17.10			47.7	Mer.	100	5	
	8	47.44	2			17.20			45.3	Tr.	121	26	
	8	48.46	4			17.27			48.0	Mu.	172	46	
	8	46.50	3			17.28			47.5	Mer.	33	28	
13803	8	48.41	1	16	15	17.56	25	21	9.8	Mer.	125	4	
13804	6	49.47	3	16	15	19.60	19	40	51.4	Mu.	259	4	
	6	49.46	5			19.91			53.8	Mu.	255	32	
	3	48.49	2			20.35[17]			....[18]	Tr.	169	14	[17] One of three threads rejected; R. A. = 19^{s}.38.
13805	7	46.42	1	16	15	24.56	31	12	45.5	Mu.	19	79	[18] Decl. changed one rev. north.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
13806	9	48.49	3	16	15	28.52	22	18	1.4	Mu.	177	2	
	8	48.55	3			28.52			3.1	Mu.	181	14	
13807	9	47.64	2	16	15	28.66[1]	26	27	13.1	Mer.	191	41	[1] One of three threads rejected; R. A. = 27^{s}.94.
	8	48.45	1			28.73			17.7	Tr.	165	3	
	8	46.52	2			28.73			14.7	Mu.	31	9	
	8	47.34	1			28.74			10.7	Mu.	114	5	
	9	46.50	5			28.86			12.9	Mer.	33	29	
	9	48.43	1			28.93			12.7	Mu.	169	45	
13808	6	46.42	2	16	15	33.54	31	4	9.0	Mu.	19	78	
	7	47.46	2			33.69			10.3	Mu.	120	42	
	7	47.40	1			33.74			10.9	Tr.	119	80	
	8	47.48	1			33.76			11.6	Mer.	192	43	
13809	9	47.48	1	16	15	41.67	30	26	47.1	Tr.	124	24	
13810	10	48.46	2	16	15	52.81	25	0	11.1	Tr.	166	31	
13811	7.8	47.45	3	16	15	56.05	27	18	51.3	Mu.	118	11	
	8	46.52	1			56.19			53.9	Tr.	36	8	
	8	46.52	3			56.29			52.4	Mu.	29	19	
	8	46.42	3			56.37			52.0	Mer.	25	66	
13812	8	51.46	5	16	15	58.80	21	52	60.1	Tr.	265	26	
	8	49.47	2			58.91			60.0	Mu.	257	18	
	7.8	49.47	2			59.17			56.9	Tr.	245	14	
13813	7.8	47.45	1	16	16	1.03	27	22	11.2	Mu.	118	12	
	9	46.52	3			1.13			13.8	Mu.	29	20	
13814	9	47.48	1	16	16	1.41	30	59	9.4	Mer.	192	44	
13815	9	46.30	4	16	16	4.49	33	12	57.1	Tr.	15	40	
13816	7	46.42	2	16	16	8.46	31	21	10.3	Mu.	19	80	
13817	8	47.29	5	16	16	16.27	29	2	....	Mer.	94	22	
	7.8	46.34	7			16.31			61.7	Mer.	15	128	
	5	48.46	2			16.38			59.1	Mu.	173	12	
	9	47.34	2			16.48			59.2	Tr.	117	8	
	8	46.48	3			16.49			58.7	Mu.	27	27	
	8.9	49.51	1			16.83			58.1	Mu.	264	16	
13818	9	49.39	2	16	16	20.82	24	6	52.3	Tr.	242	1	
	9	48.47	2			21.12[2]			54.3[3]	Tr.	168	31	[2] One of three threads rejected; R. A. = 20^{s}.21.
	9	48.47	3			21.16			52.0	Mu.	174	48	[3] Decl. changed one wire interval north.
	8	48.43	1			21.25			47.6	Mu.	170	17	
	8	49.33	2			21.26			54.7	Tr.	239	55	
13819	10	46.38	2	16	16	21.80	34	37	50.2	Tr.	19	63	
	8	46.38	2			22.08			49.2	Mu.	14	62	
13820	8	47.32	1	16	16	22.71	29	34	28.5[4]	Mer.	97	90	[4] If micrometer reading be assumed as 37.55 instead of 37.25 rev., as recorded, Decl. = 18″.2. Cp 50 gives 20″. Gou gives 18″.
	7	46.34	1			23.15			18.8	Tr.	17	84	
	8	49.50	2			23.19			20.5	Mu.	263	21	
	8	46.48	1			23.40			28.1	Tr.	32	21	
13821	8	48.48	2	16	16	24.80	23	6	32.0	Mu.	175	42	
	7	49.47	2			24.95			....	Mer.	184	44	
	8	49.46	2			24.98			28.8	Tr.	243	17	
13822	8	47.47	1	16	16	26.73	30	5	35.2	Tr.	123	23	
	8	47.48	1			26.95			38.3	Tr.	124	25	
	9	47.44	3			27.12			36.1	Mer.	190	48	
13823	8	47.46	3	16	16	29.98	30	52	56.1	Mu.	120	43	
	8	47.40	1			30.20			51.4	Tr.	119	81	
	9	47.48	1			30.26			59.0	Mer.	192	45	
13824	9.10	49.46	2	16	16	30.83	21	20	16.1	Mu.	256	71	
	10	49.47	2			31.58			16.6	Tr.	244	25	
13825	8	47.45	1	16	16	33.38	27	28	10.2	Mu.	118	13	
13826	6	49.46	1	16	16	35.66	23	5	46.6	Tr.	243	18	
	7	48.48	4			35.99			48.0	Mu.	175	43[5]	[5] "Close double, star elongated, not separated, observed south p^{t}."
	5	49.47	3			36.04[6]			....	Mer.	184	45[7]	
13827	7	49.47	1	16	16	35.85[8]	23	3	....	Mer.	184	46	[6] One thread decreased one thread interval.
	9	48.48	4			36.05			16.3	Mu.	175	44	[7] "Close double."
13828	9	48.43	2	16	16	39. . .[9]	26	13	7.2	Mu.	169	46	[8] R. A. decreased one thread interval.
	8	48.45	1			39.15			9.4	Tr.	165	4	[9] One thread increased 10 sec. Separate threads give 38^{s}.77, 39^{s}.59.
	9	47.46	3			39.26			3.4	Mer.	191	42	
	9	46.50	4			39.36			10.3	Mer.	33	30	
	7.8	47.34	3			39.44			8.9	Mu.	114	6	
	7	46.52	2			39.47			8.5	Mu.	31	10	
13829	10	49.47	1	16	16	40.36	19	29	10.2	Mu.	259	5	
13830	8	46.52	1	16	17	2.61	39	28	28.6	Tr.	34	3	
13831	8	46.52	1	16	17	12.97	27	20	25.9	Mu.	29	21	
	7.8	47.45	1			13.81			27.8	Mu.	118	14	
	8	46.42	3			13.98			29.7	Mer.	25	67	
	8	46.52	1			14.19			28.2	Tr.	36	9	
13832	9	46.34	3	16	17	13.22[10]	43	41	14.9	Mer.	14	4	[10] One of four threads rejected; R. A. = 12^{s}.30.
13833	10	47.40	1	16	17	19.67	30	53	8.0	Tr.	119	82	
13834	9	46.46	3	16	17	25.90[11]	33	59	0.5	Mu.	22	34	[11] R. A. increased 1 min.
13835	9.10	49.51	2	16	17	54.58	29	7	6.3	Mu.	264	17	
	9	46.34	1			55.10			6.3	Tr.	17	85	
	9	46.34	2			55.21			7.5	Mer.	15	129	
	9	47.29	1			55.54			....	Mer.	94	23	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
13836	8	46.52	2	16	17	56.90	25	54	39.9	Mu.	31	11	
	9	47.46	2			57.14			45.9	Mer.	191	43	
	9	48.42	3			57.24			45.3	Mu.	167	50	
	8	47.34	1			57.25			43.8	Mu.	114	7	
	9	48.43	4			57.28			....	Tr.	164	29	
	7	48.41	4			57.42			45.2	Mer.	125	5	
	9	48.43	1			57.48			44.0	Mu.	169	47	
	8	47.48	5			57.56			45.9	Mu.	122	10	
13837	8.9	48.46	3	16	17	58.23	26	50	38.4	Mu.	172	47	
	7	46.52	1			58.35			40.8	Tr.	36	10	
	9	47.44	1			58.39			34.9	Tr.	121	27	
13838	7	48.46	1	16	18	0.50	29	1	34.3	Mu.	173	14	
	9.10	49.51	1			0.55			31.0	Mu.	264	18	
	9	46.34	3			0.65			33.1	Mer.	15	130	
	8	47.29	1			0.74[1]			....	Mer.	94	24	[1] Minute assumed.
13839	8	46.38	2	16	18	3.24	34	46	43.1[2]	Tr.	19	64	[2] Decl. changed two rev. north.
13840	8	47.34	2	16	18	7.07	28	56	36.4	Tr.	117	9	
	8	49.51	1			7.12[3]			38.7	Mu.	264	19	[3] R. A. increased 10 sec.
	7	46.34	3			7.15			36.9	Mer.	15	131	
	7	46.48	4			7.21			37.3	Mu.	27	28	
	4	48.46	2			7.37			38.6	Mu.	173	13	
	8	47.29	1			7.75[4]			....	Mer.	94	25	[4] Minute assumed.
13841	7	46.40	4	16	18	15.56	36	49	....	Tr.	22	16	
13842	8	51.46	5	16	18	21.38	21	46	12.2	Tr.	265	27	
	8	49.47	3			21.40			13.9	Mu.	257	19	
	7.8	49.47	2			21.60			12.0	Tr.	245	15	
13843	9	47.46	2	16	18	31...[5]	30	41	1.6	Mu.	120	44	[5] Separate threads give 31^{s}.15, 29^{s}.33. GZ gives 31^{s}.4.
	10	47.48	2			31.38			1.9	Mer.	192	46	
13844	9	47.48	2	16	18	50.98	30	46	58.4	Mer.	192	47	
	9	47.40	1			51.24			58.1	Tr.	119	83	
	8	47.46	2			51.27			57.2	Mu.	120	45	
13845	8	46.38	4	16	18	54.58[6]	35	20	57.2	Mu.	14	63	[6] One thread increased one thread interval.
13846	8	48.41	2	16	19	7.31	25	6	50.7	Mu.	166	3	
	8	48.46	2			7.50			48.3	Tr.	166	32	
13847	9	46.50	3	16	19	13.26	26	8	10.0	Mer.	33	31	
13848	10	47.44	1	16	19	18.65	30	24	58.9	Mer.	190	49	
13849	8.9	46.39	6	16	19	20.26	40	46	16.7	Mer.	21	20	
	7	46.30	4			20.43			19.2	Mer.	11	120	
13850	9	48.47	5	16	19	21.05	24	24	26.6	Tr.	168	32	
	7	48.43	1			21.09			26.6	Mu.	170	18	
	8.9	48.46	3			21.14			28.7	Mer.	128	20	
13851	9	48.41	1	16	19	21.13[7]	25	53	11.2	Mer.	125	6	[7] R. A. increased one thread intervai.
13852	8.9	46.38	2	16	19	23.50[8]	35	7	59.9	Mu.	14	64	[8] One of three threads rejected; R. A.=22^{s}.32.
13853	9.10	46.50	1	16	19	31.77[9]	29	56	16.7[10]	Mu.	28	29	[9] "Time of transit doubtful."
13854	8.9	46.46	7	16	19	35.87	41	16	26.0	Mer.	26	41	[10] If micrometer reading be assumed as 37.328 instead of 37.528 rev., as recorded, Decl.=29″.3. GZ 1442 gives 32″ and precedes 7 sec. Or if Decl. be changed seven rev. north, Decl.=48′ 56″.7. GZ 1449 gives 58″ and precedes 3 sec.
13855	9	46.53	6	16	19	47.29[11]	43	46	42.9	Mer.	40	3	
13856	10	46.30	3	16	19	47.29	32	59	4.9	Tr.	15	41	
13857	9	48.46	3	16	19	55.66	24	11	32.7	Mer.	128	21	
	9	49.39	1			55.85			34.7	Tr.	242	2	
	9	48.47	3			55.88			31.9	Mu.	174	49	
	7	48.43	1			56.18			31.0	Mu.	170	19	[11] One of seven threads rejected; R. A.=46^{s}.22.
13858	10	46.52	1	16	20	0.41	27	2	6.5	Tr.	36	11	
13859	10	47.32	1	16	20	12.41	29	31	47.2	Mer.	97	91	
	9	49.51	3			12.77			48.3	Mu.	264	20	
	8.9	49.50	5			12.81			48.4	Mu.	263	22	
	9	46.34	2			13.09			45.9	Tr.	17	86	
	10	46.48	2			13.17			54.7	Tr.	32	22	
13860	1	46.50	7	16	20	12.75	26	5	40.3	Mer.	33	32	
	4	48.45	5			**12.98**			....	Tr.	165	6	
	2	47.46	6			**12.98**[12]			38.8	Mer.	191	44	[12] One of seven threads rejected; R. A.=12^{s}.24.
	1	48.41	2			12.77			37.2	Mer.	125	7	
	1	48.43	7			13.04			38.8	Mu.	169	48	
	1	48.42	7			13.14			40.3	Mu.	167	51	
	1	46.52	4			13.22			38.6	Mu.	31	12	
	1	47.34	5			13.26			38.1	Mu.	114	8	
	1	47.48	4			13.43			40.8	Mu.	122	11	
13861	9	46.46	5	16	20	19.74	37	38	13.7	Mu.	24	20	
13862	9	47.44	2	16	20	24.05	29	43	59.7	Mer.	190	50	
	9.10	49.51	1			24.34			61.4	Mu.	264	21	
13863	9	46.46	3	16	20	24.35	33	47	7.3	Mu.	22	35	
13864	10	47.48	2	16	20	26.53	30	40	42.6	Mer.	192	48	
	9	47.48	1			26.81			42.0	Tr.	124	26	
	8.9	47.46	1			26.84			42.8	Mu.	120	46	
	10	47.40	1			26.97			40.2	Tr.	119	84	
13865	9	49.47	2	16	20	27.38	21	13	50.1	Tr.	244	26	
	9	49.46	3			27.74			53.7	Mu.	256	72	
13866	8	46.52	1	16	20	43.80	26	15	14.4	Mu.	31	13	
13867	9	48.47	1	16	20	48.85	24	38	34.4	Tr.	168	33	
13868	7	48.41	2	16	20	53...[13]	24	48	42.2	Mu.	166	4	[13] Separate threads give 52^{s}.60, 53^{s}.44.
	9	48.46	1			53.33			39.3	Tr.	166	33	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
13869	9	49.46	1	16	20	53.72	21	6	38.6	Mu.	256	73	
	10	49.47	1			53.74			41.5	Tr.	244	27	
13870	6	46.52	4	16	20	58.08	27	34	52.4	Mu.	29	22	
	7	46.42	5			58.10			55.9	Mer.	25	68	
	7.8	46.46	7			58.17			52.8	Mer.	27	14	
	6	47.45	7			58.30			51.8	Mu.	118	15	
13871	6	48.47	1	16	21	5.65	24	46	47.7	Tr.	168	34	
	6	48.46	1			5.77			45.3	Tr.	166	34	
	5	48.41	2			5.88			46.7	Mu.	166	5	
	8.9	48.46	2			5.88			42.6	Mer.	128	22	
	4	48.43	2			6.53			48.0	Mu.	170	20	
13872	9	46.30	3	16	21	6.06	40	18	51.4	Mer.	11	121	
13873	9	46.52	3	16	21	7.22	42	53	7.5	Mer.	36	4	
13874	6	46.46	7	16	21	17.07	41	29	10.2	Mer.	26	42	
	7.8	46.30	7			17.19			8.5	Mer.	13	72	
	6	46.38	4			17.19[1]			7.8	Mer.	19	28	[1] One of five threads rejected; R. A. = 18^s.27.
13875	7	47.29	1	16	21	17.57	29	8	....	Mer.	94	26	
	6	48.46	2			17.92			55.5	Mu.	173	15	
	7.8	46.29	7			18.04[2]			56.6	Mer.	9	13	[2] R. A. decreased 1 min.
	7.8	46.34	7			18.07			57.8	Mer.	15	132	
	8.9	49.51	2			18.21			55.4	Mu.	264	22	
	8	46.48	1			18.24			56.5	Mu.	27	29	
	9	47.34	2			18.26			57.3	Tr.	117	10	
	7	47.32	1			18.28[3]			57.8	Mer.	97	92	[3] R. A. decreased 1 min.
13876	8	47.34	1	16	21	19.92	26	50	35.6	Mer.	100	6	
	8.9	48.46	4			20.15			34.6	Mu.	172	48	
	6	46.52	2			20.53			35.1	Tr.	36	12	
13877	8	46.53	4	16	21	24.33	39	53	34.8	Mu.	34	3	
	9	46.52	1			24.86			35.1	Tr.	34	4	
13878	8	46.46	3	16	21	25.04	34	0	2.8	Mu.	22	36	
13879	4	46.46	2	16	21	26.63	38	40	7.1	Tr.	29	15	
	8	46.39	2			26.79			2.9	Mu.	15	50	
13880	5	46.38	2	16	21	35.23	34	22	18.2	Tr.	19	65	
13881	9	46.52	2	16	21	44. . .[4]	29	39	52.1	Mu.	32	1	[4] Separate threads give 46^s.00, 41^s.96.
	11	46.48	2			44. . .[5]			43.0	Tr.	32	23	[5] Separate threads give 44^s.74, 45^s.92. AW and GZ give 44^s.6.
	9	47.44	3			44.34			53.4	Mer.	190	51	
	8.9	49.50	3			44.68			53.0[6]	Mu.	263	23	[6] Decl. changed two rev. north.
	8	46.50	2			44.71			53.2	Mu.	28	30	
	9	49.51	1			44.77			56.9	Mu.	264	23	
	8	46.34	1			44.97			50.2	Tr.	17	87	
13882	8	46.42	2	16	21	52. . .[7]	31	29	12.4	Mu.	19	81	[7] Separate threads give 51^s.60, 52^s.54. GZ gives 52^s.1.
13883	8.9	46.34	4	16	21	59.55	43	24	16.1	Mer.	14	5	
13884	10.11	49.47	1	16	22	1.64	20	29	27.4[8]	Mu.	260	42	[8] Reduced for wire 4, 38.904 rev. instead of wire 1, 18.904 rev., as recorded.
13885	10	46.53	1	16	22	6.49	28	22	21.5	Tr.	42	1	
13886	7	46.42	1	16	22	6.50	31	19	24.5	Mu.	19	82	
13887	8	46.50	7	16	22	10.67	26	12	22.6	Mer.	33	33	
	8	47.46	3			10.67			18.0	Mer.	191	45	
	7	48.45	3			10.80			22.6	Tr.	165	7	
	6	47.34	3			10.88			21.7	Mu.	114	9	
	9	48.43	3			10.94			21.7	Mu.	169	49	
	6	46.52	3			11.14			21.8	Mu.	31	14	
13888	8	47.32	1	16	22	16.14[9]	29	33	31.4	Mer.	97	93	[9] R. A. increased one thread interval.
	8.9	49.51	1			16.18			30.6	Mu.	264	24	
	9	49.50	3			16.28			29.2	Mu.	263	24	
	8	46.34	1			16.31			28.1	Tr.	17	88	
13889	9	46.46	4	16	22	17.62	28	4	26.3	Mer.	27	15	
	10	46.53	1			18.20			23.3	Tr.	42	2	
13890	8	46.30	1	16	22	21.77	40	42	21.7	Mer.	11	122	
	9	46.39	5			21.85			19.1	Mer.	21	21	
13891	11	46.30	2	16	22	25.71	33	8	34.3	Tr.	15	42	
13892	9	47.46	1	16	22	34.68	30	50	20.1[10]	Mu.	120	47	[10] Decl. changed five rev. north.
13893	9	46.34	1	16	22	36.94	29	43	34.3	Tr.	17	89	
13894	9	46.46	3	16	22	37.81	33	54	30.6	Mu.	22	37	
13895	9	49.47	3	16	22	39.31[11]	22	28	....	Mer.	184	47	[11] Threads discordant; no definitive thread intervals available.
	9.10	48.49	3			39.47			16.9	Mu.	177	3	
	9	48.55	1			39.55			17.2	Mu.	181	15	
13896	7.8	47.48	4	16	22	44.25	25	40	57.1	Mu.	122	12	
	9	48.43	3			44.29			....	Tr.	164	30	
	8	48.41	3			44.32			57.3	Mer.	125	8	
	9	48.42	3			44.33			58.5	Mu.	167	52	
13897	9	47.29	3	16	23	1.83	28	42	....	Mer.	94	27	
	8.9	46.40	3			1.96			58.1	Mer.	22	16	
	7	46.34	5			2.00			54.1	Mer.	15	133	
	7	48.46	2			2.02[12]			55.2	Mu.	173	16	[12] One thread increased 10 sec.
	9	47.34	2			2.07			54.1	Tr.	117	11	
	8	46.48	2			2.28			53.6	Mu.	27	30	
13898	8.9	46.50	. .	16	23	8. . .	29	51	48.7	Mu.	28	31	
	10	47.47	2			8.22			40.8	Tr.	123	24	
	10	47.44	1			8.33[13]			44.5[14]	Mer.	190	52[15]	[13] R. A. decreased two thread intervals.
13899	8.9	46.50	. .	16	23	9. . .	29	52	33.5	Mu.	28	32	[14] Decl. changed one wire interval south.
	9.10	49.50	1			9.84			33.9	Mu.	263	25	[15] "Double; second component follows 2 sec."

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
13900	4.5	49.47	4	16	23	14.95	21	8	20.7	Tr.	244	28	
	6	49.46	4			15.17[1]			25.5[2]	Mu.	256	74	[1] R. A. decreased 1 min.
13901	7.8	46.30	2	16	23	17.20	40	26	43.2	Mer.	11	123	[2] Decl. changed one rev. north.
	8	46.53	2			17.39			43.6	Mu.	34	4	
13902	9.10	46.30	2	16	23	17.75	33	12	19.5	Tr.	15	43	
13903	9	47.46	1	16	23	20.35	30	32	56.5	Mu.	120	48	
13904	10	46.40	3	16	23	26.12	36	55	....	Tr.	22	17	
13905	7	46.53	7	16	23	26.20	43	43	14.6	Mer.	40	4	
	5	46.34	5			26.40			18.7	Mer.	14	6	
13906	7	46.42	2	16	23	28.28	31	13	37.9	Mu.	19	83	
13907	10	49.47	2	16	23	31. . .[3]	20	27	23.8	Mu.	260	43	[3] Separate threads give $31^s.01$, $33^s.73$. Ya gives $31^s.2$.
13908	9	49.47	3	16	23	35.48	20	25	34.6	Mu.	260	44	
	9.10	49.47	5			35.71[4]			35.2	Mu.	258	7	[4] R. A. decreased 1 min.
	9	49.46	2			36.00[5]			33.5	Mu.	255	33	[5] One of three threads rejected; R. A.=$35^s.26$.
	10	48.49	2			36.06			....	Tr.	169	15	
13909	8	46.40	3	16	23	39.80	37	3	....	Tr.	22	18	
13910	11	46.46	1	16	23	44.59	31	46	....	Tr.	30	9	
13911	9	46.46	2	16	23	50.62	34	4	15.5	Mu.	22	38	
13912	11	49.47	2	16	23	53.82	19	15	57.0	Mu.	259	6	
13913	9	47.47	2	16	23	54.08	27	47	30.2[6]	Mer.	101	1	[6] If micrometer reading be assumed as 47.569 instead of 47.369 rev., as recorded, Decl.= 23″.4.
	7	47.45	3			54.43			26.7	Mu.	118	16	
	8	46.42	3			54.45			22.0[7]	Mer.	25	69	
	8	46.46	6			54.45			23.4	Mer.	27	16	[7] Decl. changed nine rev. south.
	7.8	47.44	2			54.46			23.6	Mu.	117	64	
	7	46.52	3			54.50[8]			25.7	Mu.	29	23	[8] One of four threads rejected; R. A.=$53^s.76$.
13914	9	46.34	1	16	23	56.29	29	37	20.7	Tr.	17	90	
13915	9.10	48.46	1	16	23	56.97	24	48	3.2[9]	Mer.	128	23	[9] Decl. changed one rev. north.
13916	9	46.46	1	16	23	59.76	38	7	57.5	Tr.	29	16	
13917	8.9	46.38	4	16	23	60.01[10]	35	13	9.1	Mu.	14	65	[10] One of five threads rejected; R. A.=$59^s.11$.
13918	8.9	46.46	1	16	24	1.47	34	7	3.0	Mu.	22	39	
13919	7.8	46.46	1	16	24	4.13	38	4	0.4	Tr.	29	17	
13920	7	46.42	2	16	24	7.74[11]	30	57	63.7[12]	Mu.	19	84	[11] R. A. decreased 1 min.
	8	47.48	1			8.18			57.0	Mer.	192	49	[12] If micrometer reading be assumed as 50.540 instead of 50.340 rev., as recorded, Decl.= 51″.1.
	9	47.40	2			8.34			49.8	Tr.	119	85	
	8	47.46	1			8.45			50.6	Mu.	120	49	
13921	7	46.42	2	16	24	37.76[13]	30	57	....	Mu.	19	85	[13] R. A. decreased 1 min. One thread increased 10 sec.
	9	47.48	1			38.22			48.7	Mer.	192	50	
	8	47.46	1			38.41			43.2	Mu.	120	50	
	9	47.40	1			38.44			42.7	Tr.	119	86	
13922	10	49.46	1	16	24	40.38	21	1	55.2	Mu.	256	75	
	11	49.47	1			40.90			49.7	Tr.	244	29	
13923	9	49.51	3	16	24	42.90	29	30	33.0	Mu.	264	25	
	8.9	46.34	1			43.06			33.1	Tr.	17	91	
	..	47.32	2			43.12[14]			29.9	Mer.	97	94	[14] R. A. increased one thread interval. Separate threads give $43^s.51$, $42^s.74$.
	9	46.48	1			43.48			29.6	Tr.	32	24	
13924	9	48.47	3	16	24	47.50	23	58	3.0	Mu.	174	50	
	8	49.39	3			47.76			5.5	Tr.	242	3	
13925	9	46.34	2	16	24	49.43[15]	28	56	15.3	Mer.	15	134	[15] One of three threads rejected; R. A.=$48^s.50$.
	10	47.29	1			49.63			....	Mer.	94	28	
13926	9	48.55	2	16	24	50.83	22	30	15.3	Mu.	181	16	
	9.10	48.49	3			50.85			15.1	Mu.	177	4	
	8	49.47	3			51.24			....	Mer.	184	48	
13927	9.10	49.51	1	16	24	55.50	29	23	28.9	Mu.	264	26	
13928	9	46.46	4	16	24	56.87[16]	41	27	15.6	Mer.	26	43	[16] R. A. increased 1 min.
13929	8	48.43	2	16	25	5. . .[17]	24	40	40.8	Mu.	170	21	[17] Separate threads give $6^s.05$, $5^s.17$. Gou gives $6^s.0$.
	9	48.46	2			5.87			42.9	Tr.	166	35	
	9	48.46	3			5.91			39.8	Mer.	128	24	
	9	48.47	2			6.04			37.4	Tr.	168	35	
	9	48.41	2			6.51			44.1	Mu.	166	6	
13930	12	46.29	1	16	25	12.55	35	43	48.0[18]	Tr.	12	19	[18] Decl. changed one wire interval south. If micrometer reading be assumed as 13.26 instead of 12.56 rev., as recorded, Decl.= 63″.2. GZ gives 66″.
13931	9	46.52	3	16	25	19.54[19]	42	53	38.3	Mer.	36	5	
13932	7	46.38	3	16	25	20.54	35	24	17.4	Mu.	14	66	
13933	7	46.52	1	16	25	30.40	26	47	28.3	Tr.	36	13	
	8.9	46.50	6			30.57			29.7	Mer.	33	34	[19] One of four threads rejected; R. A.=$18^s.63$.
	8	47.34	3			30.67[20]			29.1	Mer.	100	7	[20] One of four threads rejected; R. A.=$29^s.86$.
	9	47.44	2			30.75			23.8	Tr.	121	28	
13934	9	46.39	1	16	25	31.22	38	52	24.7	Mu.	15	51	
13935	11	46.30	2	16	25	39.05	33	29	45.6	Tr.	15	44	
13936	10	46.38	1	16	25	40.63	34	20	46.4	Tr.	19	66	
13937	10	47.46	3	16	25	49.02	26	6	54.8	Mer.	191	46	
	10	48.45	2			49.14[21]			49.6	Tr.	165	8	[21] R. A. decreased 1 min.
13938	10	46.53	1	16	25	49.45	28	15	6.3	Tr.	42	3	
13939	7.8	46.52	3	16	25	50.38	42	32	35.8	Mer.	36	6	
	7	46.53	7			50.66			35.3	Mer.	42	4	
13940	11	46.40	3	16	25	54.92	37	2	....	Tr.	22	19	
13941	8	47.32	1	16	25	59.45[22]	29	12	48.6	Mer.	97	95	[22] R. A. increased 1 min.
	8	46.34	1			59.72			48.9	Tr.	17	92	
	9	47.34	1			59.73			50.1	Tr.	117	12	
	9	46.48	2			59.75			52.0	Tr.	32	25	
	8	46.34	5			59.75			51.7	Mer.	15	135	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
13942	10	49.47	2	16	25	59.75	19	37	18.5	Mu.	259	7	
13943	9	46.50	1	16	26	0.06[1]	29	56	63.4	Mu.	28	33	[1] "Time of transit doubtful."
	..	47.47	2			0.61			55.3	Tr.	123	25	
	9	47.44	3			0.69[2]			58.5	Mer.	190	53	[2] R. A. increased 1 min.
	9	46.52	1			0.85			60.9	Mu.	32	2	
13944	9	47.46	2	16	26	2.23	26	9	40.9	Mer.	191	47	
	9	48.43	2			2.51			39.7	Mu.	169	50	
	7	46.52	3			2.55			39.9	Mu.	31	15	
	8	48.45	2			2.63			38.9	Tr.	165	9	
	9	46.50	4			2.64			39.2	Mer.	33	35	
	7.8	47.34	2			2.65			40.2	Mu.	114	10	
13945	7	46.53	3	16	26	11.25	39	59	12.2	Mu.	34	5	
	7	46.30	3			11.27			9.7	Mer.	11	124	
13946	8.9	46.46	3	16	26	29.42	33	53	2.7	Mu.	22	40	
13947	6	46.38	2	16	26	30.74	34	56	27.2	Mu.	14	67	
13948	3	47.47	4	16	26	32.96	27	53	63.6	Mer.	101	2	
	2.3	46.52	4			32.99			57.3	Mu.	29	24	
	5	46.46	6			33.02			56.6	Mer.	27	17	
	4	46.53	2			33.13			59.7	Tr.	42	4	
	2.3	47.40	6			33.14[3]			59.6	Mer.	189	37	[3] One of seven threads rejected; R. A.=$32^{s}.12$.
	3	47.45	6			33.16			59.5	Mu.	118	17	
	3	47.44	4			33.17			58.8	Mu.	117	65	
13949	10	49.47	2	16	26	34.10	21	33	25.6	Mu.	257	20	
	9	49.46	3			34.97			24.9	Mu.	256	76	
	11	49.47	2			35.19			24.6	Tr.	244	30	
	8.9	49.47	2			35.20[4]			31.1	Tr.	245	16	[4] R. A. increased 1 min.
13950	9	46.46	5	16	26	42.10[5]	28	2	36.5	Mer.	27	18	[5] R. A. increased 1 min.
	8	47.44	1			42.16			36.6	Mu.	117	66	
	8	46.53	1			42.21			36.4	Tr.	42	5	
	8	46.40	1			42.55			37.2	Mer.	22	17	
13951	9	48.41	2	16	26	44.23	25	3	52.4	Mu.	166	7	
	10	48.46	2			44.45			53.7	Tr.	166	36	
13952	8	46.29	3	16	26	46.20	35	36	16.3	Tr.	12	20	
13953	10	48.46	2	16	26	47.74	24	51	2.0	Mer.	128	25	
13954	11	48.49	1	16	26	47.85	19	56	....	Tr.	169	16	
	10	49.46	2			47.93[6]			27.1	Mu.	255	34	[6] R. A. decreased 1 min. One of three threads rejected; R. A.=$46^{s}.82$.
13955	9	47.48	1	16	26	48.42	30	46	23.2	Tr.	124	27	
	10	46.42	2			48.50			20.4	Tr.	25	1	
	8.9	47.46	3			48.56			18.9	Mu.	120	51	
	9	47.49	2			48.65			22.8	Mer.	192	51	
	10	47.40	1			48.78			19.0	Tr.	119	87	
13956	9	46.40	4	16	26	52.92	36	49	....	Tr.	22	20	
13957	7.8	46.46	3	16	26	53.99	38	21	44.2	Tr.	29	18	
13958	9	47.29	2	16	26	54.22	28	50	....	Mer.	94	29	
	9	48.46	1			54.57			51.8	Mu.	173	17	
13959	8	46.42	1	16	27	0.60	31	10	35.8	Mu.	19	86	
13960	9	47.48	1	16	27	1.87[7]	25	26	16.9	Mu.	122	13	[7] R. A. increased 5 sec.
	9	48.41	1			2.13[8]			24.8	Mer.	125	9	[8] R. A. increased 1 min.
13961	10	46.42	1	16	27	3.14	30	55	13.6[9]	Tr.	25	2	[9] Decl. changed one wire interval south.
13962	9	47.34	2	16	27	3.24	27	10	12.4	Mer.	100	8	
	10	46.52	1			3.25			11.4	Tr.	36	14	
13963	10	47.44	1	16	27	7.02	30	16	13.8	Mer.	190	54	
	8	46.50	1			7.37[10]			6.9	Mu.	28	34	[10] "Time of transit doubtful."
13964	11	46.46	1	16	27	7.80	32	8	....	Tr.	30	10	
13965	9	46.46	2	16	27	10.14	33	44	31.7	Mu.	22	41	
13966	10	49.39	1	16	27	14.57	23	40	2.8	Tr.	242	4	
13967	8.9	46.34	5	16	27	15.58	29	14	5.8	Mer.	15	136	
	9	46.34	1			15.72			2.2	Tr.	17	93	
13968	9	46.53	3	16	27	20.89	43	59	18.3	Mer.	40	5	
13969	9	46.39	1	16	27	23.08	28	48	38.4[11]	Mer.	22	18	[11] Decl. changed one wire interval south.
13970	10.11	49.47	1	16	27	24.90	20	47	35.9[12]	Mu.	260	45	[12] If micrometer reading be assumed as 21.942 instead of 21.542 rev., as recorded, Decl.= 10″.7. AW gives 12″.
13971	10	46.46	3	16	27	31.38	31	49	....	Tr.	30	11	
13972	10	46.52	1	16	27	40.50	26	45	41.4	Tr.	36	15	
13973	8	46.52	7	16	27	50.40	43	5	18.0	Mer.	36	7	
	6	46.34	5			50.45			18.2	Mer.	14	7	
13974	11	49.47	2	16	27	52.66	19	17	22.8	Mu.	259	8	
13975	10	48.49	2	16	27	52. . .[13]	20	14	....	Tr.	169	17	[13] Separate threads give $52^{s}.83$, $53^{s}.97$. AW gives $53^{s}.3$.
	10	49.46	1			52.87			7.0[14]	Mu.	255	35	
13976	8	46.46	3	16	27	53.57	32	34	29.7	Mu.	25	14	[14] Decl. changed five rev. north.
13977	7	46.52	2	16	28	12.66	39	20	31.8	Tr.	34	5	
13978	9	46.53	5	16	28	12.80	43	50	56.3	Mer.	40	6	
13979	9	47.44	1	16	28	15.89	28	18	19.1	Mu.	117	67	
	9	46.53	1			16.09			20.9	Tr.	42	6	
13980	7	46.39	4	16	28	19.29	38	50	37.5	Mu.	15	52	
13981	9	46.46	2	16	28	19.80	33	42	34.4	Mu.	22	42	
13982	9.10	49.47	1	16	28	33.88	20	12	35.0	Mu.	260	46	
13983	10	46.46	3	16	28	42.64	32	1	....[15]	Tr.	30	12	[15] Decl. changed two rev. north.
13984	8	49.47	2	16	28	42. . .[16]	21	44	41.7	Tr.	245	17	[16] Separate threads give $43^{s}.65$, $42^{s}.57$.
	11	49.47	2			42.87			40.3	Mu.	257	21	
13985	9	46.40	1	16	28	44.42	36	32	45.3	Mu.	16	40	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
13986	9	46.34	1	16	28	44.45	29	22	4.7	Tr.	17	94	
13987	9	47.40	1	16	28	48.23	27	53	51.5	Mer.	189	38	
	9	46.46	5			49.24			50.4	Mer.	27	19	
13988	6	46.40	4	16	29	3.70	36	54	....	Tr.	22	21	
13989	9	48.46	1	16	29	7.59	28	37	10.1	Mu.	173	18	
	9	46.34	3			7.70			11.4	Mer.	15	137	
13990	10	46.42	2	16	29	8.12	31	1	....	Tr.	25	3	
	11	47.40	1			8.31			57.8	Tr.	119	88	
	8	47.46	1			8.37			55.1	Mu.	120	52	
	9	47.48	5			8.42			59.1	Mer.	192	52	
13991	9	46.46	7	16	29	13.51[1]	41	22	58.7	Mer.	26	44	[1] R. A. decreased 3 min.
13992	9	47.32	2	16	29	16.78[2]	29	34	55.6	Mer.	97	96	[2] One of three threads rejected; R. A.=$18^{s}.53$.
	8	46.34	1			17.88			56.9	Tr.	17	95	
	9	46.48	2			17.89			48.0	Tr.	32	26	
13993	9	46.52	1	16	29	19.23	39	18	10.8	Tr.	34	7	
13994	8	48.55	3	16	29	20.47	22	35	2.5	Mu.	181	17	
	7	51.48	5			20.50			1.5	Tr.	266	10	
	8	48.49	5			20.52			0.6	Mu.	177	5	
	7	49.47	4			20.60			....	Mer.	184	49	
13995	7	47.34	1	16	29	20.81	26	40	67.1	Mu.	114	11	
	9	46.50	7			20.94			59.6	Mer.	33	36	
	10	47.44	1			20.98			57.0	Tr.	121	29	
	7	46.52	2			21.00			57.1	Tr.	36	16	
	6	46.52	3			21.01			59.6	Mu.	31	16	
	9	48.43	3			21.10			56.8	Mu.	169	51	
	9	47.46	5			21.23			57.5	Mer.	191	48	
13996	9.10	48.47	3	16	29	29.77	23	49	27.1	Mu.	174	51	
	9	49.39	3			29.85			23.2	Tr.	242	5	
13997	9	46.46	2	16	29	38.95	33	49	18.4	Mu.	22	43	
13998	9	46.53	6	16	29	42.13	44	16	17.6	Mer.	40	7	
13999	7	46.52	1	16	29	42.26	39	29	2.0	Tr.	34	6	
14000	10	47.29	1	16	29	42.77[3]	28	35	....[4]	Mer.	94	30	[3] R. A. increased 1 min.
	7	48.46	1			43.28			53.7	Mu.	173	19	[4] Decl. changed one rev. south.
	8	46.34	2			43.65			53.8	Mer.	15	138	
	8	46.52	1			43.70			52.5	Tr.	42	7	
	8.9	46.40	1			43.78			56.2[5]	Mer.	22	19	[5] Decl. changed one wire interval north.
14001	9	46.46	2	16	29	43.66	33	54	9.4	Mu.	22	44	
14002	8	46.42	3	16	29	45.49	27	40	37.8[6]	Mer.	25	70	[6] Decl. changed one rev. south.
	7	47.45	2			45.49			36.3	Mu.	118	18	
	8	47.47	3			45.49			41.2[7]	Mer.	101	3	[7] Decl. changed one rev. north.
	9	46.46	6			45.51			37.3	Mer.	27	20	
	8	46.52	4			45.63			35.6	Mu.	29	25	
14003	7.8	47.32	2	16	29	48.39[8]	29	37	13.8	Mer.	97	97	[8] R. A. increased 1 min. One of three threads rejected; R. A.=$47^{s}.61$.
	7	46.52	2			48.59			10.1	Mu.	32	4	
	7	46.48	2			48.60			17.1	Tr.	32	27	
	7.8	46.34	1			48.64			11.1	Tr.	17	96	
	5.6	46.29	6			48.74			15.5	Mer.	9	14	
14004	10	47.47	3	16	29	50.66	30	9	39.5	Tr.	123	26	
	9	47.44	4			50.85			37.3[9]	Mer.	190	55	[9] Decl. changed one rev. south.
	7	47.48	2			50.83			39.9	Tr.	124	28	
	7	46.50	5			50.79			38.4	Mu.	28	35	
	7	47.46	2			50.94			41.0	Tr.	122	29	
	7	46.52	3			50.95			40.5	Mu.	32	3	
	10	47.31	3			51.07			42.1	Mer.	96	30	
14005	8	46.42	3	16	29	53.41	31	25	14.2	Mu.	19	87	
14006	9	46.38	4	16	30	0.02	34	57	12.8	Mu.	14	68	
14007	11	49.47	1	16	30	4.35	21	44	22.9	Mu.	257	22	
	10	49.47	1			4.77			25.0	Tr.	245	18	
14008	8	46.52	1	16	30	7.43	39	37	7.2[10]	Tr.	34	8	[10] Decl. changed two rev. south.
14009	8	46.40	3	16	30	8.52	36	10	46.9	Mu.	16	41	
14010	8	47.34	2	16	30	13.95[11]	26	58	55.9[12]	Mer.	100	9	[11] Separate threads give $14^{s}.34$, $13^{s}.56$.
	10	47.44	2			14. ..[13]			52.4	Tr.	121	30	[12] Decl. changed one rev. north.
	7	46.52	1			15.16			52.7	Tr.	36	17	[13] Separate threads give $14^{s}.52$, $13^{s}.47$.
14011	9	46.46	2	16	30	18.65	37	20	17.9	Mu.	24	21	
14012	9	46.39	4	16	30	19.18[14]	40	49	34.6	Mer.	21	22	[14] R. A. increased 1 min.
14013	8	46.52	1	16	30	26.06	39	34	54.1	Tr.	34	9	
14014	8	46.30	3	16	30	27.71	33	26	28.6	Tr.	15	45	
14015	10	48.46	2	16	30	33.11	24	42	27.5	Mer.	128	26	
14016	7	46.38	2	16	30	43.16	35	23	10.2	Mu.	14	69	
14017	9	46.46	2	16	30	44.12	34	0	8.5	Mu.	22	45	
14018	8	46.40	4	16	30	44.76	36	50	....	Tr.	22	22	
14019	6	48.46	1	16	30	46.77	28	38	17.4	Mu.	173	20	
	9	47.29	2			47.06			....[15]	Mer.	94	31	[15] Decl. changed one rev. south.
	6	47.34	2			47.15			17.6	Tr.	117	13	
	7	46.34	5			47.20			16.2	Mer.	15	139	
	6	46.48	3			47.21			17.1	Mu.	27	31	
	7	46.53	1			47.23			15.6	Tr.	42	8	
	6.7	46.40	1			47.30			17.2	Mer.	22	20	
14020	9	46.46	3	16	30	52.80	27	41	37.7	Mer.	27	21	
	8.9	46.42	1			52.89			32.7	Mer.	25	71	
	8.9	46.40	3			53.02			36.0	Mer.	24	1	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
14021	7	47.48	4	16	30	54.19[1]	25	45	34.5	Mu.	122	14	[1] One of five threads rejected; R. A.=$53^{s}.26$.
	8	48.43	3			54.23			....	Tr.	164	31	
	9	48.42	3			54.25			34.5	Mu.	167	53	
	6	48.41	2			54.61			34.1	Mer.	125	10	
14022	8	47.34	2	16	30	58.27	26	9	7.3	Mu.	114	12	
	9	46.50	7			58.36			7.2	Mer.	33	37	
	9	48.45	2			58.48			5.5	Tr.	165	10	
	8.9	48.43	2			58.76			6.7	Mu.	169	52	
	5	46.52	2			58.76			6.5	Mu.	31	18	
	9	47.46	3			58.87[2]			8.6	Mer.	191	49	[2] R. A. increased 1 min.
14023	9	47.46	2	16	30	59...[3]	26	1	18.7	Mer.	191	50	[3] R. A. increased 1 min. Separate threads give $60^{s}.16$, $58^{s}.63$. Gou gives $60^{s}.1$.
	8	48.45	1			59.71			16.5	Tr.	165	11	
	7	46.52	2			59.96			11.6	Mu.	31	17	
	8	47.48	1			59.99			17.8	Mu.	122	15	
	8.9	48.43	3			60...[4]			14.3	Mu.	169	53	[4] Separate threads give $61^{s}.01$, $60^{s}.38$, $59^{s}.87$.
	6	48.41	2			60.24			16.3	Mer.	125	11	
	7	47.34	1			60.31			13.6	Mu.	114	13	
14024	7.8	47.46	3	16	31	11.09	30	31	52.6	Mu.	120	53	
	8	46.42	2			11.19			52.4	Tr.	25	4	
	9	47.40	1			11.22			48.4	Tr.	119	89	
	8	47.48	1			11.30			51.8	Tr.	124	29	
	10	47.48	5			11.51			53.1	Mer.	192	53	
14025	10	48.41	2	16	31	11.28	24	58	15.3	Mu.	166	8	
14026	9	49.39	3	16	31	14.62	23	35	42.9	Tr.	242	6	
	9	48.47	3			14.90			42.3	Mu.	174	52	
14027	10	47.44	2	16	31	25.73	29	53	49.5	Mer.	190	56	
14028	12	49.47	1	16	31	41.31	19	33	15.4	Mu.	259	9	
14029	6	48.49	3	16	31	44.18[5]	20	6	....	Tr	169	18	[5] One of four threads rejected; R. A.=$45^{s}.40$.
	6.7	49.46	4			44.41			39.1	Mu.	255	36	
14030	9	46.34	1	16	31	50.48	43	27	7.0	Mer.	14	8	
14031	8	46.52	2	16	31	51.91	39	30	44.7	Tr.	34	10	
14032	11	46.46	2	16	31	53.13	32	1	....	Tr.	30	13	
14033	7	46.46	3	16	32	2.46	32	31	28.0	Mu.	25	15	
14034	11	49.47	2	16	32	4.07	21	22	18.3	Tr.	244	31	
14035	8	46.46	2	16	32	9.79	32	30	47.6	Mu.	25	16	
14036	7	49.47	5	16	32	12.17	23	1	....	Mer.	184	50	
	10	49.46	3			12.26			33.6	Tr.	243	19	
	9	48.48	3			12.31			38.8	Mu.	175	45	
14037	9	46.46	4	16	32	13.18	28	17	22.8	Mer.	27	22	
	8	46.53	1			13.22			20.1	Tr.	42	9	
	9	47.40	3			13.27			21.0	Mer.	189	39	
	8.9	47.44	2			13.36			22.9	Mu.	117	68	
14038	9	47.32	1	16	32	15.80[6]	29	9	10.3	Mer.	97	98	[6] CPD and CoD give $17^{s}.5$.
	9	46.34	1			17.51			7.3	Tr.	17	97	
14039	7	46.40	6	16	32	18.11	27	30	45.3	Mer.	24	2	
	7	46.42	3			18.15			41.1	Mer.	25	72	
	8	47.47	3			18.28			43.0	Mer.	101	4	
	6	46.52	4			18.33			43.7	Mu.	29	26	
	7	47.45	1			18.41			45.0	Mu.	118	19	
14040	9	46.38	2	16	32	19.61	34	9	53.8	Tr.	19	67	
14041	8	46.52	1	16	32	20.21	26	48	30.8	Tr.	36	18	
	9	46.50	4			20.29[7]			32.9	Mer.	33	38	[7] R. A. decreased 1 min.
	8	47.34	3			20.67			32.0	Mer.	100	10	
14042	9	49.39	2	16	32	21.37	24	6	18.2	Tr.	242	7	
	9	48.47	2			21.45			19.0	Mu.	174	53	
	9	48.43	1			21.66			20.3	Mu.	170	22	
	10	48.46	2			21.98			23.1	Mer.	128	27	
14043	9.10	46.46	3	16	32	22.01	33	28	17.6	Mu.	22	46	
14044	8	46.40	4	16	32	27.45	36	46	....	Tr.	22	23	
14045	10	47.44	1	16	32	29.65	30	12	54.3	Mer.	190	57	
	9	46.50	1			30.40			54.8	Mu.	28	37	
14046	5	48.43	1	16	32	30.79	24	10	17.5	Mu.	170	23	
	7	48.47	4			30.83			16.9	Tr.	168	36	
	7	48.47	3			30.90			20.0	Mu.	174	54	
	5.6	49.39	1			31.03			20.0	Tr.	242	8	
	8.9	48.46	3			31.08			18.0	Mer.	128	28	
14047	8	46.53	3	16	32	31.23	39	59	41.5	Mu.	34	6	
14048	8.9	46.30	6	16	32	32.25	40	19	37.6	Mer.	11	125	
14049	9	46.34	4	16	32	32.25	43	21	29.3	Mer.	14	9	
14050	8	46.52	1	16	32	33.51	26	48	36.8	Tr.	36	19	
	9	46.50	6			33.74[8]			37.0	Mer.	33	39	[8] R. A. decreased 1 min.
	9	47.34	1			33.87			....	Mer.	100	11	
14051	7	47.46	1	16	32	34.37	30	13	61.7	Mu.	120	54	
	7.8	46.52	2			34.54			62.4	Mu.	32	5	
	7.8	46.50	4			34.67			61.9	Mu.	28	36	
	7	47.48	1			34.70			62.5	Tr.	124	30	
	8	47.46	1			34.73			59.6	Tr.	122	30	
	9	47.44	2			34.91			61.5	Mer.	190	58	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
14052	8	47.29	2	16	32	41.42[1]	28	49	....	Mer.	94	32	[1] One of three threads rejected; R. A.=$42^s.23$.
	5.6	46.40	1			41.60[2]			36.3	Mer.	22	21	[2] R. A. decreased two thread intervals.
	8	46.34	7			42.04			27.4	Mer.	15	140	
	7	46.48	3			42.05			37.8	Mu.	27	32	
	6	48.46	1			42.10			34.2	Mu.	173	21	
	9	47.34	1			42.19			35.3	Tr.	117	14	
14053	9	46.53	1	16	32	42.97	28	32	55.6	Tr.	42	10	
	10	48.46	1			43.08			54.8[3]	Mu.	173	22	[3] Decl. changed five rev. north.
14054	9	46.53	1	16	32	44.29	28	12	46.2	Tr.	42	11	
14055	8	46.52	1	16	32	47.52	39	13	2.5	Tr.	34	11	
14056	8	46.46	2	16	32	50.34	38	22	42.8	Tr.	29	19	
14057	10	46.46	2	16	32	51.90	32	0	....	Tr.	30	14	
14058	7	49.46	4	16	33	4.87	19	37	53.2	Mu.	255	37	
	7	49.47	3			5. . .[4]			71.0[5]	Mu.	259	10	[4] Separate threads give $5^s.95$, $5^s.36$, $4^s.72$.
14059	8	46.40	3	16	33	5.95	36	20	13.0	Mu.	16	42	[5] If micrometer reading be assumed as 16.299 instead of 16.099 rev., as recorded, Decl. = 58″.5. Ya gives 55″. Gou gives 53″.
14060	8	46.46	1	16	33	5.97	32	23	32.4	Mu.	25	17	
14061	9	46.38	2	16	33	15.45	35	22	18.5	Mu.	14	70	
14062	8	46.39	4	16	33	22.19[6]	40	49	39.1	Mer.	21	23	[6] One of five threads rejected; R. A.=$21^s.12$.
14063	9.10	49.46	1	16	33	26.92	19	46	7.0	Mu.	255	38	
14064	10	48.49	2	16	33	27.78	19	53	....	Tr.	169	19	
14065	8	46.39	4	16	33	30.24[7]	40	49	20.9	Mer.	21	24	[7] Two of six threads rejected; R. A.=$28^s.77$, $28^s.83$.
14066	6.7	46.52	1	16	33	30.34	26	53	40.5	Tr.	36	20	
	8	47.44	2			30.37			37.0	Tr.	121	31	
	7	48.49	2			30.49			48.9	Mu.	176	1	
	8	47.34	1			30.80			34.8[8]	Mer.	100	12	[8] Decl. changed one wire interval north.
14067	8	46.42	2	16	33	33.63[9]	31	3	12.6	Mu.	19	88	[9] R. A. decreased one thread interval.
	8	46.42	2			34.05			10.5	Tr.	25	5	
	7.8	47.46	1			34.06			15.8	Mu.	120	55	
	9	47.40	1			34.23			13.7	Tr.	119	90	
14068	10	47.29	1	16	33	34.62	29	9	....	Mer.	94	33	
	10	46.34	1			34.77			34.6	Tr.	17	98	
14069	7	46.46	5	16	33	39.78	37	51	53.1	Mu.	24	22	
14070	8	46.39	2	16	33	44.59[10]	38	38	22.8	Mu.	15	53	[10] R. A. decreased 1 min.
14071	9	46.46	6	16	33	47.78	41	26	7.6	Mer.	26	45	
14072	8	46.46	1	16	33	47.78	38	2	35.8	Tr.	29	20	
14073	7	46.52	4	16	33	51.43	26	9	57.3	Mu.	31	19	
	9	47.46	2			51.57			60.6	Mer.	191	51	
	7.8	47.34	3			51.82			58.6	Mu.	114	14	
	9	48.45	2			51.90			54.8	Tr.	165	12	
14074	8	47.40	1	16	33	59.07[11]	30	56	10.2	Tr.	119	91	[11] R. A. decreased one thread interval.
	8	47.46	2			59.65			12.1	Mu.	120	56	
	8	46.42	2			59.72			13.3	Tr.	25	6	
	6	46.42	1			59.82			12.3	Mu.	19	89	
14075	6	46.46	3	16	34	0.57	31	48	....	Tr.	30	15	
14076	7	46.39	3	16	34	3.13[12]	38	39	7.6	Mu.	15	54	[12] R. A. decreased 1 min.
14077	8	47.44	2	16	34	4.73	28	1	12.9	Mu.	117	69	
	8.9	46.46	7			4.86			13.4	Mer.	27	23	
	9	47.40	3			4.86			15.2[13]	Mer.	189	40	[13] Decl. changed ten rev. south.
	7	46.52	1			4.93			13.2	Tr.	42	12	
14078	10	49.47	5	16	34	7.43	21	2	62.9	Mu.	258	8	
	9.10	49.46	4			7.65			63.3	Mu.	256	77	
	9	49.47	3			7.97[14]			63.8	Mu.	260	47	[14] Minute assumed. One of four threads rejected: R. A.=$7^s.02$.
	10	49.47	2			8.00			59.4	Tr.	244	32	
14079	7.8	46.39	2	16	34	19.89	40	33	8.5	Mer.	21	25	
	6	46.30	2			20.16			1.1	Mer.	11	126	
	6	46.53	1			20.17			9.0	Mu.	34	7	
14080	9	46.26	3	16	34	27.87	39	6	13.4	Tr.	3	5	
14081	8	47.32	2	16	34	28. . .[15]	29	17	55.6	Mer.	97	99	[15] Separate threads give $29^s.48$, $28^s.68$.
	8	46.29	4			28.21[16]			59.5	Mer.	9	15	[16] One of five threads rejected; R. A.=$27^s.50$.
	10	46.48	2			28.41			66.6	Tr.	32	28	
	8	46.34	1			28.45			56.2	Tr.	17	99	
	8	46.34	3			28.49			61.3	Mer.	15	141	
14082	9	46.52	4	16	34	29.75	29	58	15.1	Mu.	32	6	
	9	47.44	1			29.83			16.8	Mer.	190	59	
	10	47.47	2			29.87[17]			13.0	Tr.	123	27	[17] R. A. decreased one thread interval.
	9	46.50	2			30.09			16.7	Mu.	28	38	
14083	9	46.34	3	16	34	30.12	28	42	27.6	Mer.	15	142	
14084	9	46.53	1	16	34	34.16	28	22	41.5	Tr.	42	13	
14085	8	47.46	1	16	34	35.78	26	30	61.1	Mer.	191	52	
	8	48.45	3			35.94			62.3	Tr.	165	13	
	7.8	46.50	6			36.23			56.8	Mer.	33	40	
	6.7	47.34	2			36.29			58.6	Mu.	114	15	
	6	46.52	2			36.43			59.8	Mu.	31	20	
14086	8	46.42	1	16	34	36.74	30	43	11.1	Tr.	25	7	
	9	47.48	1			36.76			9.4	Tr.	124	31	
	7.8	47.46	1			36.99			11.0	Mu.	120	57	
	7	47.40	1			37.09			10.0	Tr.	119	92	
14087	9	47.48	1	16	34	39.56	25	29	23.1	Mu.	122	16	
14088	6	51.48	5	16	34	40.63	22	26	48.2	Tr.	266	11	
	8	48.55	6			40.69[18]			48.9	Mu.	181	18	[18] One of seven threads rejected; R. A.=$39^s.82$.
	7	49.47	3			40.71			....	Mer.	184	51	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
14089	10	47.29	1	16	34	40.71	29	0	....	Mer.	94	34	
14090	9	48.50	3	16	34	45.49	20	24	....	Tr.	170	1	
	10	48.49	1			45.98			....	Tr.	169	20	
	9	49.46	1			46.04			29.3	Mu.	255	39	
	9	49.47	1			46.13			28.5	Mu.	258	9	
14091	8	49.47	2	16	34	48.73	22	50	....[1]	Mer.	184	52	[1] Decl. changed one wire interval south.
	9	49.46	3			48.81			26.3	Tr.	243	20	
	9	48.48	4			49.07			26.0	Mu.	175	46	
14092	5	46.52	2	16	34	58. . .[2]	27	10	5.9	Mu.	29	27	[2] Separate threads give $58^{s}.43$, $59^{s}.39$.
	8	47.34	1			58.63			7.2	Mer.	100	13	
	4	48.49	2			59.00[3]			8.7	Mu.	176	2	[3] One thread increased one thread interval.
	6	47.44	2			59.16			8.7	Tr.	121	32	
	6.7	46.42	3			59.17			9.6[4]	Mer.	25	73	[4] Decl. changed one rev. north.
	6	47.45	2			59.41			8.8	Mu.	118	20	
	7.8	46.40	4			59.45			10.1[5]	Mer.	24	3	[5] Decl. changed one rev. north.
	5.6	46.52	1			59.45			7.2	Tr.	36	21	
14093	9	48.49	4	16	34	59.59	23	43	....	Mer.	129	1	
	10	49.39	2			59.87			30.5	Tr.	242	9	
	9.10	48.47	3			60.04			29.2	Mu.	174	55	
14094	10	46.34	1	16	35	6.43	29	18	31.7	Tr.	17	100	
14095	7	48.41	2	16	35	7.45	26	2	13.6[6]	Mer.	125	12	[6] Decl. changed five rev. south.
	9	48.43	2			7.63			....	Tr.	164	32	
	8	47.48	1			7.72			18.4	Mu.	122	17	
	9.10	48.42	3			7.75			18.7	Mu.	167	54	
	8	47.34	1			7.89			14.7	Mu.	114	16	
14096	9	46.34	1	16	35	9.55	29	20	53.5	Tr.	17	101	
14097	8	48.55	3	16	35	19.28	22	14	9.9	Mu.	181	19	
	7.8	49.47	2			19.28			11.3	Tr.	245	19	
	8	49.47	3			19.42			14.6	Mu.	257	23	
14098	8	46.42	1	16	35	30.16	31	5	42.6	Tr.	25	8	
	8	46.42	3			30.34			42.2	Mu.	19	90	
14099	8	47.34	..	16	35	31. . .	27	10	15.1	Mer.	100	14	
	8	47.44	1			31.48			15.0	Tr.	121	33	
	7	48.49	2			31.72			15.8	Mu.	176	3	
	8	46.52	4			31.76			11.9	Mu.	29	28	
	8.9	46.40	4			31.85			10.0[7]	Mer.	24	4	[7] Decl. changed one rev. north.
	8	46.42	3			31.87			14.3[8]	Mer.	25	74	[8] Decl. changed one rev. north.
	7	47.45	2			31.99			13.8	Mu.	118	21	
	8	46.52	1			32.08			13.6	Tr.	36	22	
14100	10	48.41	1	16	35	36.41[9]	24	55	39.5	Mu.	166	9	[9] R. A. increased 5 min.
14101	10	49.47	2	16	35	36.66	19	33	48.1	Mu.	259	11	
14102	10	46.38	2	16	35	37.15	34	19	46.9	Tr.	19	68	
14103	8	46.52	2	16	35	37.49	39	35	32.0	Tr.	34	12	
14104	7	46.46	7	16	35	37.77	28	13	32.3	Mer.	27	24	
	6	47.44	4			37.78			28.9	Mu.	117	70	
	7	47.40	5			37.88			26.3	Mer.	189	41	
	7	46.53	1			37.89			29.7	Tr.	42	14	
	5	46.40	1			38.14			31.9	Mer.	22	22	
14105	7	47.48	1	16	35	46.23	30	31	23.3	Tr.	124	32	
	6	47.40	2			46.42			22.8	Tr.	119	93	
	8	47.48	4			46.44[10]			22.8	Mer.	192	54	[10] R. A. decreased 30 sec.
	7	47.46	2			46.58			23.8	Mu.	120	58	
14106	7	46.46	5	16	35	48.31	33	33	48.5	Mu.	22	47	
	8.9	46.30	4			48.54			49.6	Tr.	15	46	
14107	10	46.46	2	16	35	50.14[11]	32	13	....	Tr.	30	16	[11] R. A. increased one thread interval.
	9	46.46	1			50.30			11.3	Mu.	25	18	
14108	7	46.52	1	16	35	56.13	39	30	5.2	Tr.	34	13	
14109	9	47.34	1	16	36	4.20	28	47	55.5	Tr.	117	15	
	8	47.29	1			4.24			....	Mer.	94	35	
	9	46.34	2			4.68			54.9	Mer.	15	143	
14110	8	47.32	2	16	36	5.18	29	9	21.2	Mer.	97	100	
	9	46.48	1			5.45			29.5	Tr.	32	29	
	9	46.34	1			5.82			23.5	Tr.	17	102	
	9	47.29	1			6.63[12]			....	Mer.	94	36	[12] Minute assumed.
14111	8	46.46	4	16	36	6.54	41	19	42.3	Mer.	26	46	
	8.9	46.30	6			6.57			43.4	Mer.	13	73	
14112	8	48.55	1	16	36	7.45	22	53	62.0	Mu.	181	20	
	8	49.46	4			7.64			58.9	Tr.	243	21	
	5	49.47	3			7.68			....	Mer.	184	53	
	8	48.48	4			7.74			58.2	Mu.	175	47	
14113	9	46.53	1	16	36	10.05	28	33	29.2	Tr.	42	15	
	7	47.44	1			10.16			27.8	Mu.	117	71	
	8	46.40	1			10.22			28.7	Mer.	22	23	
14114	9	46.38	2	16	36	10.20	35	20	0.7	Mu.	14	71	
14115	8	46.46	4	16	36	23.50[13]	41	12	2.2	Mer.	26	47	[13] R. A. decreased one thread interval.
	9	46.30	4			23.52			0.1	Mer.	13	74	
14116	8	48.41	1	16	36	28.02	25	24	54.5	Mer.	125	13	
14117	8	46.34	1	16	36	29.08	28	55	21.7	Mer.	15	145	
	8	46.34	4			29.17			22.2	Mer.	15	144	
	8	46.48	4			29.24			22.5	Mu.	27	33	
	8	47.34	1			29.50			25.1	Tr.	117	16	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
14118	7	46.39	3	16	36	33.00	39	5	45.6	Mu.	15	55	
	6	46.26	1			33.06			44.5	Tr.	3	6	
	7	46.39	7			33.12			....[1]	Tr.	21	20	[1] Decl. changed one rev. south.
14119	8	47.46	4	16	36	33.35	26	21	57.0	Mer.	191	53	
	6	46.52	3			33.39			60.8	Mu.	31	21	
	9	48.43	4			33.44			59.6	Mu.	169	54	
	7	47.34	2			33.47			60.2	Mu.	114	17	
	8	46.50	7			33.51			58.7	Mer.	33	41	
	7	48.45	3			33.67			59.9	Tr.	165	14	
14120	8	46.39	2	16	36	45. . .[2]	39	15	15.0	Mu.	15	56	[2] Separate threads give $46^{s}.73$, $45^{s}.59$. Gou gives $45^{s}.6$.
	8	46.26	1			45.73			14.4	Tr.	3	7	
	6	46.52	1			45.77			15.7	Tr.	34	14	
14121	8	46.46	3	16	36	46.48	41	20	29.5	Mer.	26	48	
14122	10	46.30	2	16	36	54.41	41	31	49.5	Mer.	13	75	
	8.9	46.38	4			54.58			50.7[3]	Mer.	19	29	[3] Decl. changed one rev. north.
14123	8	46.46	1	16	36	58.39	32	40	7.1	Mu.	25	19	
14124	9.10	46.53	4	16	36	58.63	42	35	55.4	Mer.	42	5	
14125	10	46.52	1	16	37	3.98	27	1	49.6[4]	Tr.	36	23	[4] Decl. changed two rev. south.
14126	9	46.34	3	16	37	5.08	43	39	38.3	Mer.	14	10	
	9.10	46.53	4			5.38			35.4	Mer.	40	8	
14127	9	47.44	2	16	37	5.09	30	20	31.3	Mer.	190	60	
14128	9	47.40	1	16	37	8.21	28	14	42.0	Mer.	189	42	
14129	7	46.42	2	16	37	16.93	31	10	27.6	Mu.	19	91	
	7	46.42	2			17.04			30.2	Tr.	25	9	
14130	9	47.44	1	16	37	17.07	27	12	7.2	Tr.	121	34	
	8	47.34	2			17.52			5.3	Mer.	100	15	
	7	46.52	1			17.53			8.5	Tr.	36	24	
	7	48.49	2			17.55			9.0	Mu.	176	4	
	7	47.45	2			17.57			8.0	Mu.	118	22	
	8	46.52	2			17.59			6.8	Mu.	29	29	
	8	46.42	2			17.62			9.7	Mer.	25	75	
14131	10	48.42	1	16	37	17.76[5]	26	2	29.0	Mu.	167	55	[5] "Time of transit doubtful. Too faint." R. A. increased 10 sec
14132	8	47.34	1	16	37	18.71	28	37	50.6	Tr.	117	17	
	8	46.40	1			18.81			49.7	Mer.	22	24	
	7	48.46	1			18.84			45.7	Mu.	173	23	
	8	46.52	1			18.91			51.1	Tr.	42	16	
14133	8	47.46	1	16	37	24.35	30	43	3.5	Mu.	120	59	
	8	47.40	1			24.66			4.3	Tr.	119	94	
	9	47.48	4			24.72			3.3	Mer.	192	55	
14134	8	46.30	2	16	37	28.56	40	41	29.2	Mer.	11	127	
14135	9	48.55	3	16	37	29.43	22	20	55.6	Mu.	181	21	
14136	10	48.42	1	16	37	30.61	25	59	27.1	Mu.	167	56[6]	[6] "Too faint."
14137	9	46.48	3	16	37	36.34	29	18	60.1	Tr.	32	30	
	8	47.32	3			36.52			53.6	Mer.	97	101	
	8	46.34	1			36.76			53.0	Tr.	17	103	
14138	10	48.47	2	16	37	37.93	24	35	26.5[7]	Tr.	168	37	[7] Decl. changed one rev. south.
	9	48.43	1			38.08			24.6	Mu.	170	24	
14139	8	46.53	3	16	37	39.68	39	41	12.2	Mu.	34	8	
	8	46.52	1			39.68			17.1	Tr.	34	15	
14140	6	48.41	2	16	37	40.16	25	15	0.0	Mu.	166	10	
	6	48.43	2			40.24			....	Tr.	164	33	
	7	47.48	3			40.50			1.0	Mu.	122	18	
	6	48.55	2			40.78			4.7	Tr.	174	1	
14141	8.9	46.46	2	16	37	49.71	33	25	15.1	Mu.	22	48	
	8	46.30	3			49.98			16.1	Tr.	15	47	
14142	8	49.46	5	16	38	7.14	19	49	14.3	Mu.	255	40	
	9	48.49	3			7.23			....[8]	Tr.	169	21	[8] Decl. changed one rev. north.
14143	7	46.40	2	16	38	9.19	36	36	33.2	Mu.	16	43	
14144	8	46.40	4	16	38	10.10	36	36	52.5	Mu.	16	44	
14145	10	48.46	1	16	38	14.72	24	25	49.1[9]	Mer.	128	29	[9] If micrometer reading be assumed as 40.578 instead of 40.378 rev., as recorded, Decl. = 41″.9. AW. gives 43″.
14146	8	47.34	1	16	38	16.43	26	37	15.0	Mer.	100	16	
	9	46.50	6			16.59[10]			12.6	Mer.	33	42	
	10	48.45	3			16.62			15.1	Tr.	165	15	[10] One of seven threads rejected; R. A. = $15^{s}.88$.
14147	9	46.34	1	16	38	16.36	29	39	42.0	Tr.	17	104	
	9	47.32	1			16.93			45.1	Mer.	97	102	
	9	46.52	2			17. . .[11]			43.8	Mu.	32	7	[11] Separate threads give $17^{s}.15$, $18^{s}.21$.
	10	46.48	2			17.25			57.2	Tr.	32	31	
14148	8	47.29	3	16	38	30.69	28	40	....	Mer.	94	37	
	8	46.34	4			30.80[12]			56.1	Mer.	15	146	[12] R. A. decreased 1 min.
	7	47.34	1			30.80			56.8	Tr.	117	18	
	7.8	46.40	1			30.80			57.1	Mer.	22	25	
	7	46.48	3			30.88			56.1	Mu.	27	34	
	6	48.46	1			31.26			56.6	Mu.	173	24	
14149	10	49.47	1	16	38	31.31	21	53	55.7	Mu.	257	24	
	10	49.47	2			32.27			45.9	Tr.	245	20	
14150	8	46.40	4	16	38	33.93	36	58	....	Tr.	22	24	
14151	9	46.46	5	16	38	34.62	37	47	53.5	Mu.	24	23	
14152	8	47.40	2	16	38	34. . .[13]	28	6	15.5	Mer.	189	43	[13] Separate threads give $33^{s}.75$, $34^{s}.93$.
	7	47.44	4			34.82			18.7	Mu.	117	72	
	8.9	46.46	6			34.83			18.2	Mer.	27	25	
	8	46.53	1			34.86			16.9	Tr.	42	17	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
14153	9	48.49	4	16	38	41.78	23	41	....	Mer.	129	2	
	9	48.47	3			41.91			55.5	Mu.	174	56	
14154	8.9	46.34	2	16	38	48.07	43	40	20.0	Mer.	14	11	
	9	46.53	6			48.29			17.9	Mer.	40	9	
14155	7.8	47.48	5	16	38	49.38	30	55	46.7	Mer.	192	56	
	7	46.42	3			49.60[1]			46.8	Tr.	25	10	[1] R. A. decreased one thread interval.
	6	46.42	3			49.69			46.7	Mu.	19	92	
	7	47.46	5			49.71			45.6	Mu.	120	60	
	7	47.40	1			49.83			43.3[2]	Tr.	119	95	[2] Decl. changed one rev. south.
14156	9	46.52	2	16	38	56.50	30	5	32.0	Mu.	32	8	
	8.9	46.50	2			56.54			32.0	Mu.	28	39	
	9	47.47	2			56.73			31.2	Tr.	123	28	
	9	47.44	3			56.77			30.6	Mer.	190	61	
14157	10	47.44	1	16	38	56.68[3]	30	10	24.6	Mer.	190	62	[3] R. A. decreased 10 sec.
14158	10	49.47	3	16	38	58.65	19	35	59.8	Mu.	259	12	
14159	11	49.47	1	16	39	2.76	21	53	25.8	Tr.	245	21	
14160	8.9	47.48	1	16	39	3.01[4]	25	47	45.6	Mu.	122	19	[4] R. A. decreased 30 sec.
14161	9	48.47	2	16	39	6.96	24	15	9.3	Tr.	168	38	
	9	48.46	3			7.01			7.9	Mer.	128	30	
	6	48.43	2			7.39[5]			11.4	Mu.	170	25	[5] R. A. increased 1 min.
14162	9	46.46	1	16	39	8.11	33	39	50.1	Mu.	22	50	
14163	11	46.30	1	16	39	10.77	33	27	28.3	Tr.	15	48	
14164	9	46.46	1	16	39	11.62	31	38	....	Tr.	30	17	
14165	9	46.30	3	16	39	17.04	41	43	56.3[6]	Mer.	13	76	[6] Decl. changed one rev. south.
	8	46.38	5			17.43			54.3	Mer.	19	30	
14166	9	47.32	1	16	39	17.38	29	42	21.6	Mer.	97	103	
	9	46.34	1			17.58			16.8	Tr.	17	105	
14167	9	46.52	7	16	39	18.49	42	50	4.1	Mer.	36	8	
14168	10	48.50	1	16	39	19.00	20	40	....	Tr.	170	2	
	9	49.47	3			19.92			19.8	Mu.	258	10	
14169	9.10	49.46	4	16	39	19.03	21	8	31.6[7]	Mu.	256	78	[7] Decl. changed one rev. south.
	10	49.47	2			19.38[8]			31.0	Tr.	244	33	[8] R. A. increased 1 min.
14170	8	46.53	2	16	39	21.19	40	4	11.2	Mu.	34	9	
	8	46.30	3			21.41			12.9	Mer.	11	128	
14171	8	47.29	1	16	39	21.72	28	53	....	Mer.	94	38	
14172	10	46.53	1	16	39	30.89	28	9	59.3	Tr.	42	18	
14173	8	46.46	2	16	39	31.20	33	44	38.5	Mu.	22	49	
14174	8.9	46.46	5	16	39	32.92	41	21	6.5	Mer.	26	49	
14175	11	46.48	2	16	39	34.27	29	40	26.2	Tr.	32	32	
	10	46.34	1			34.45			25.3	Tr.	17	106	
14176	10	47.40	1	16	39	37.95	30	30	34.3	Tr.	119	96	
	8.9	47.46	1			37.99			35.8	Mu.	120	61	
14177	9.10	49.46	2	16	39	39. . .[9]	21	40	9.0	Mu.	256	79	[9] Separate threads give $39^s.05$, $40^s.33$. Gou gives $39^s.6$
	9	49.47	1			39.27			7.6	Mu.	257	25	
14178	8	47.48	1	16	39	41.93	25	14	9.5	Mu.	122	20	
	9	48.42	1			42.14			7.7	Mu.	167	57	
	10	48.55	2			42.71			15.3	Tr.	174	2	
14179	8	46.40	1	16	39	44.08[10]	36	8	9.8	Mu.	16	45	[10] R. A. increased one thread interval.
	8	46.29	2			44.10[11]			15.0	Tr.	12	21	[11] One of three threads rejected; R. A.=$42^s.85$.
14180	9	47.47	1	16	39	48.79	27	18	6.5	Mer.	101	5	
	9	46.52	1			48.84			1.9	Tr.	36	25	
	9	46.42	2			48.97[12]			5.8	Mer.	25	76	[12] Minute assumed. One of three threads rejected; R. A.=$51^s.00$.
	7	47.45	3			49.17			5.3[13]	Mu.	118	23	
	9	46.52	2			49.34			7.9	Mu.	29	30	[13] Decl. changed five rev. north.
14181	8	46.40	1	16	39	49.73	28	51	10.4	Mer.	22	26	
	8	47.34	1			50.05			4.6	Tr.	117	19	
	7.8	46.34	4			50.07[14]			7.0	Mer.	15	147	[14] R. A. decreased 1 min. One of five threads rejected; R. A.=$51^s.02$.
	8	47.29	1			50.25			....	Mer.	94	39	
	7	46.48	2			50.34			7.4	Mu.	27	35	
14182	9.10	46.38	1	16	39	51.77	35	1	39.9	Mu.	14	72	
14183	6	46.42	2	16	39	56.09	31	22	54.7	Mu.	19	93	
	8	49.56	2			56.32			52.3	Mer.	185	1	
14184	9	48.49	2	16	39	57. . .[15]	19	47	....[16]	Tr.	169	22	[15] Separate threads give $58^s.02$, $57^s.21$.
	9.10	49.46	3			57.73			39.4	Mu.	255	41	[16] Decl. changed one rev. north.
	10	48.49	1			57.87			....[17]	Tr.	169	23	[17] Decl. changed one rev. north.
14185	9	47.34	1	16	40	0.55	26	34	36.3	Mer.	100	17	
14186	9.10	49.46	1	16	40	5.20	21	6	25.8	Mu.	256	80	
	10	49.47	1			5.29			31.5	Tr.	244	34	
14187	9	48.43	2	16	40	8.39	25	17	....	Tr.	164	34	
14188	9.10	49.46	1	16	40	10.16	20	11	9.1	Mu.	255	42	
14189	9	49.47	4	16	40	12.59	22	26	....	Mer.	184	54	
14190	9	49.47	1	16	40	13.27[18]	19	20	6.9	Mu.	259	13	[18] R. A. increased one thread interval.
14191	9	46.39	5	16	40	14.01	41	11	23.3	Mer.	21	26	
	9	46.46	4			14.07			21.2[19]	Mer.	26	50	[19] Decl. changed one rev. south.
14192	9	49.47	1	16	40	15.04	19	11	41.8	Mu.	259	14	
14193	9	46.46	2	16	40	18.55	32	12	....	Tr.	30	18	
14194	10	49.47	1	16	40	23.19	22	28	....	Mer.	184	55	
14195	9	46.30	3	16	40	23.91	41	33	47.7	Mer.	13	77	
14196	9	48.43	1	16	40	25.57	24	48	15.7	Mu.	170	26	
	8	48.41	2			25.59			12.1	Mu.	166	11	
	9	48.55	2			25.67			14.7	Tr.	174	3	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
14197	4	46.46	2	16	40	27.47[1]	34	0	53.0	Mu.	22	51	[1] One thread increased 10 sec.
14198	9	46.52	1	16	40	29.64	26	41	54.8	Tr.	36	26	
	9	47.34	1			30.07			60.6	Mer.	100	18	
14199	6	46.46	2	16	40	35.63	37	59	20.5	Tr.	29	21	
14200	9	48.46	2	16	40	36.77	24	22	23.6	Mer.	128	31	
	7	48.43	1			37.15			19.2	Mu.	170	27	
	7	48.47	2			37.21			18.8[2]	Tr.	168	39	[2] Decl. changed ten rev. south.
14201	8.9	49.46	1	16	40	38.68	21	35	0.0	Mu.	256	81	
	8	49.47	3			38.72			1.6	Tr.	245	22	
	7	49.47	2			38.79			0.1[3]	Mu.	257	26	[3] Decl. changed five rev. north.
14202	9	46.46	3	16	40	40.32	41	18	9.4	Mer.	26	51	
14203	10	46.52	1	16	40	41.46	39	43	55.6	Tr.	34	16	
14204	10	47.48	3	16	40	51.01	30	35	9.8	Mer.	192	57	
14205	7	46.40	.4	16	40	53.89	37	14	....	Tr.	22	25	
	7	46.52	2			54.04			....	Tr.	38	1	
	7	46.46	4			54.18			55.0	Mu.	24	24	
14206	9	47.46	5	16	40	54.48	26	28	28.5	Mer.	191	54	
	7	47.34	4			54.49			28.1	Mu.	114	18	
	7	46.52	3			54.55			32.1	Mu.	31	22	
	8	46.50	6			54.75[4]			28.2	Mer.	33	43	[4] Two threads decreased 10 sec. each.
	9	48.45	3			54.78			27.7	Tr.	165	16	
14207	8	46.40	2	16	40	55.13	36	29	11.3	Mu.	16	46	
14208	10	49.46	3	16	40	56.70	23	10	59.8	Tr.	243	22	
	9	48.48	2			56.72			55.2	Mu.	175	48	
14209	9	46.52	1	16	40	57.85	39	34	13.1	Tr.	34	17	
14210	10	47.44	1	16	40	59.23	29	59	16.7	Mer.	190	63	
	11	47.47	2			59.30			16.8	Tr.	123	29	
14211	9	49.56	2	16	41	2.22	31	22	11.2	Mer.	185	2	
	8	46.42	2			2.43			13.1	Mu.	19	94	
14212	10	48.49	1	16	41	6.38	23	38	....[5]	Mer.	129	3	[5] Decl. changed one rev. south.
	9	48.47	4			6.57			43.1	Mu.	174	57	
14213	6.7	46.39	5	16	41	6.84	40	57	58.7	Mer.	21	27	
14214	8	46.53	2	16	41	11.24	40	3	0.8	Mu.	34	10	
14215	9	48.46	1	16	41	20.91	24	15	5.2[6]	Mer.	128	32	[6] Decl. changed one rev. south.
14216	8	47.45	1	16	41	25.05	27	38	10.4[7]	Mu.	118	24	[7] Decl. changed ten rev. south.
	8	46.42	2			25.49			7.5	Mer.	25	77	
	9	46.46	3			25.67			11.3	Mer.	27	26	
	8	46.52	1			25.91			8.9	Mu.	29	31	
14217	9	48.45	2	16	41	25.83	26	21	31.0	Tr.	165	17	
	9	46.50	4			25.87[8]			31.1	Mer.	33	44	[8] Three threads decreased 10 sec. each.
	9	46.52	2			25.90			31.7	Mu.	31	23	
14218	10	48.42	1	16	41	27.47	25	49	18.4	Mu.	167	58[9]	[9] "Too faint."
	8	47.48	1			29.01			19.1	Mu.	122	21	
	8	48.41	3			29.06			9.2	Mer.	125	14	
14219	8	48.41	1	16	41	32.26	25	9	46.3	Mu.	166	12	
14220	9	46.34	5	16	41	32.82	43	16	52.1	Mer.	14	12	
14221	10	48.49	2	16	41	33.56	23	45	....[10]	Mer.	129	4	[10] Decl. changed eleven rev. south.
14222	8.9	47.48	1	16	41	36.29	25	42	50.8	Mu.	122	22	
	8	48.41	2			36.44			51.0	Mer.	125	15	
14223	9	47.46	1	16	41	37.39	30	24	34.8	Tr.	122	31	
	8	47.40	1			38.20			27.8	Tr.	119	97	
	7	47.46	2			38.22			29.2	Mu.	120	62	
	8	46.50	3			38.28			28.0	Mu.	28	40	
	9	47.31	3			38.33			30.4	Mer.	96	31	
	9	47.48	2			38.34			29.5	Mer.	192	58	
14224	8	46.53	1	16	41	41.82	40	24	49.3	Mu.	34	11	
14225	8	47.29	2	16	41	43. . .[11]	28	45	....	Mer.	94	40	[11] Separate threads give 43^{s}.37, 44^{s}.32. Gou gives 43^{s}.2.
	9	48.46	1			43.09			34.4	Mu.	173	25	
	8.9	46.40	2			43.31			35.3[12]	Mer.	22	27	[12] Decl. changed one rev. south.
14226	6	46.46	2	16	41	43.14	37	47	3.1	Mu.	24	25	
14227	7	47.44	1	16	41	43.99	27	42	57.2	Mu.	117	73	
	8	46.46	1			44.15			58.9[13]	Mer.	27	27	[13] Decl. changed one rev. north.
	8	46.40	2			44.33			62.0	Mer.	24	5	
	7	46.52	1			44.40			58.7	Mu.	29	32	
	6.7	47.45	2			44.44			58.2	Mu.	118	25	
14228	8	46.30	4	16	41	48.57[14]	41	35	34.2	Mer.	13	78	[14] R. A. decreased one thread interval.
	9	46.46	3			48.74			35.9[15]	Mer.	26	52	[15] Decl. changed one wire interval south.
	8	46.38	4			48.96			39.0	Mer.	19	31	
14229	8	47.32	3	16	41	50. . .[16]	29	48	64.2	Mer.	97	104	[16] Separate threads give 50^{s}.11, 51^{s}.18, 48^{s}.87.
	8	46.52	3			50.13[17]			59.9	Mu.	32	9	[17] One of four threads rejected; R. A.=49^{s}.39.
	9	46.48	2			50.15			60.1	Tr.	32	33	
	9	46.50	2			50.28			61.1	Mu.	28	41	
	8	47.44	1			50.36			58.9	Mer.	190	64	
14230	8	46.53	7	16	41	54.26	42	43	45.3	Mer.	42	6	
	8.9	46.52	6			54.41			48.5	Mer.	36	9	
14231	10	51.46	5	16	41	55.15	21	56	27.1	Tr.	265	28	
	10	49.47	1			55.22			30.5	Tr.	245	23	
14232	11	46.52	2	16	42	1.65	36	56	....	Tr.	38	2	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
14233	7.8	47.45	1	16	42	2.72	27	45	30.9	Mu.	118	26	
	7	47.44	1			2.81			28.5	Mu.	117	74	
	8	46.52	2			2.84			31.4	Mu.	29	33	
	8.9	46.40	2			2.95			33.0	Mer.	24	6	
	8	46.46	4			2.96[1]			34.4	Mer.	27	28	[1] R. A. decreased 1 min.
	8	46.42	2			3.06			32.7	Mer.	25	78	
	9	47.47	1			3.36			23.3[2]	Mer.	101	6	[2] Decl. changed eleven rev. south. A change of one wire interval south and four rev. north gives Decl =31″.6. GZ gives 32″.
14234	8	46.38	4	16	42	3.06	35	11	50.0	Mu.	14	73	
14235	7	46.53	1	16	42	3.42	40	27	41.2	Mu.	34	12	
14236	10	47.40	3	16	42	3.79	28	11	52.6[3]	Mer.	189	44	[3] Decl. changed one rev. south.
	10	46.53	1			3.85			49.6	Tr.	42	19	
14237	8	47.32	1	16	42	5.63[4]	29	8	52.5	Mer.	97	105	[4] R. A. decreased one thread interval.
	8	46.34	6			6.00			45.3	Mer.	15	148	
	8	46.34	1			6.05			49.9	Tr.	17	107	
	9	47.34	1			6.24			51.6	Tr.	117	20	
	7	46.48	1			6.63			59.3	Tr.	32	34	
14238	9	49.47	1	16	42	6.80	19	34	26.1	Mu.	259	15	
14239	7	46.46	5	16	42	11.02	37	45	17.8	Mu.	24	26	
14240	8	47.34	3	16	42	11.55	26	51	12.0	Mer.	100	19	
	8	46.52	1			11.73			11.2	Tr.	36	27	
14241	6	48.43	1	16	42	12.52	24	34	17.7	Mu.	170	28	
	8	48.47	3			12.66			16.1	Tr.	168	40	
14242	9	46.46	2	16	42	13.71	31	55	....	Tr.	30	19	
14243	10	48.50	1	16	42	15.29	20	21	....	Tr.	170	3	
	9	49.47	3			15.71			51.4	Mu.	258	11	
	9	49.46	2			15.74			51.1	Mu.	255	43	
	10	48.49	2			16.07			....	Tr.	169	24	
14244	9	46.30	4	16	42	16.90	41	31	33.2	Mer.	13	79	
	8	46.38	1			16.97			35.0	Mer.	19	32	
	9	46.46	3			17.13			31.9	Mer.	26	53	
14245	5	46.46	2	16	42	20.84	38	10	34.1	Tr.	29	22	
14246	10	46.42	2	16	42	28.19	30	56	3.4	Tr.	25	11	
	9	47.40	1			28.27			4.5	Tr.	119	98	
14247	8	48.49	1	16	42	29.22	26	57	38.8[6]	Mu.	176	5[5]	[5] Unidentified. Looked for with equatorial but not found. An equatorial comparison of CPD—27°5502 with Gou 22767 gives $15^{s}.2$, 25″.
14248	8	47.46	2	16	42	33.88	26	36	44.2	Mer.	191	55	
	5	48.49	1			33.99			43.0	Mu.	176	6	
	8	47.44	1			34.14			44.7	Tr.	121	35	
	7	47.34	4			34.32			45.0	Mu.	114	19	[6] If reduced for wire 3, 28 rev. instead of wire 6, 28 rev., as recorded, Decl.=49″.0.
	6	46.52	2			34.37			44.9	Mu.	31	24	
	9	46.50	4			34.54			43.5	Mer.	33	45	
14249	9	48.46	1	16	42	34.33	24	34	13.2	Mer.	128	33[7]	[7] Unidentified. Looked for with equatorial but not found. Gou 22766 gives $12^{s}.8$, 18″, and an equatorial comparison with the Gou star gives another at 41^{m} $35^{s}.4$, 28″.
14250	10	49.47	2	16	42	34.71	21	23	36.0	Tr.	244	35	
	9	49.46	3			34.82[8]			32.9	Mu.	256	82	
14251	9	48.42	1	16	42	38.13	25	16	15.6	Mu.	167	59	
	8	48.43	2			38.89			....	Tr.	164	35	[8] R. A. decreased 1 min.
	8	47.48	1			38.92			24.5	Mu.	122	23	
	10	48.55	2			39.25			28.7[9]	Tr.	174	4	[9] Decl. changed one rev. north.
14252	8	46.42	2	16	42	41.55	31	33	35.6	Mu.	19	95	
	9	49.56	2			42.07			35.6	Mer.	185	3	
14253	9	46.42	1	16	42	45.77	31	8	7.6	Tr.	25	12	
14254	7	46.40	3	16	42	45.93	36	45	3.4	Mu.	16	47	
14255	8	47.34	1	16	42	55.57	26	39	34.1	Mu.	114	20	
	8	47.46	2			56.11			35.6	Mer.	191	56	
	8	46.52	1			56.14			31.2	Tr.	36	28	
	9	46.50	4			56.20			33.4	Mer.	33	46	
	9	47.44	1			56.34			33.0	Tr.	121	36	
	..	47.34	1			56.47			36.4[10]	Mer.	100	20	[10] Decl. changed one rev. south.
14256	6	48.49	1	16	43	0.57	26	45	21.1	Mu.	176	7	
	8	46.52	1			0.58			18.7	Tr.	36	29	
14257	7	49.47	5	16	43	1.29	22	38	....	Mer.	184	57	
	8.9	48.55	4			1.46[11]			54.0	Mu.	181	22	[11] One of five threads rejected; R. A.=$0^{s}.73$.
14258	11	49.47	1	16	43	1.92	21	4	16.4	Tr.	244	36	
14259	10	46.53	1	16	43	2.98	28	27	42.0	Tr.	42	20	
14260	10	51.46	5	16	43	3.28	22	3	26.2	Tr.	265	29	
	10	49.47	2			3.33			28.1	Tr.	245	24	
	10	49.47	2			3.38			25.9	Mu.	257	27	
14261	7	48.43	2	16	43	3.79	25	20	....[12]	Tr.	164	36	[12] Decl. changed two rev north.
	5	48.41	2			4.12			25.5	Mer.	125	16	
	7	48.41	2			4.12			25.8	Mu.	166	13	
	8	48.42	2			4.22			26.6	Mu.	167	60	
14262	7.8	46.52	6	16	43	4.32[13]	42	47	35.0	Mer.	36	10	[13] One of seven threads rejected, R. A.=$5^{s}.16$.
14263	10	48.49	2	16	43	9.11	23	44	....	Mer.	129	5	
14264	9	47.48	3	16	43	10.32	30	26	11.8	Mer.	192	59	
	8	47.46	1			10.46[14]			7.8	Mu.	120	63	[14] R. A. increased one thread interval.
	9	47.40	1			10.67			8.7	Tr.	119	99	
14265	9	46.30	3	16	43	22.41	33	1	35.6	Tr.	15	49	
14266	7.8	46.53	3	16	43	25.61	42	6	23.4	Mer.	42	7	
14267	6	46.42	2	16	43	27.41	31	37	20.6	Mu.	19	96	
	8	49.56	2			27.64			20.4	Mer.	185	4	
14268	7.8	46.38	2	16	43	30. ..[15]	41	33	8.0	Mer.	19	33	[15] R. A. increased one thread interval. Separate threads give $30^{s}.74$, $31^{s}.79$.
	7.8	46.46	4			30.96			4.1	Mer.	26	54	
	7.8	46.30	3			31.29			4.8	Mer.	13	80	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO	NOTES.
		1800+		h	m	s	°	′	″				
14269	11	46.52	2	16	43	33.31	37	15	....	Tr.	38	3	
14270	8	49.47	2	16	43	34.05	19	5	50.5	Mu	259	16	
14271	8	46.50	2	16	43	34.37[1]	30	10	20.4	Mu.	28	42	[1] One of three threads rejected; R. A.=$35^{s}.11$.
	7	47.46	2			34.74			20.8	Tr.	122	32	
	8	47.47	2			34.80			22.2	Tr.	123	30	
	8	46.52	3			34.81			20.0	Mu.	32	10	
	7	47.48	1			34.82			17.7	Tr.	124	33	
	7	46.54	1			34.85			20.0	Tr.	46	1	
	8	47.31	5			34.88			20.5	Mer.	96	32	
	7	47.44	2			34.92			20.2	Mer.	190	65	
14272	9	47.40	2	16	43	37. . .[2]	27	59	16.6	Mer.	189	45	[2] Separate threads give $37^{s}.41$, $38^{s}.33$.
	8	47.44	1			37.64			19.0	Mu.	117	75	
	9	46.46	2			38.40[3]			20.6	Mer.	27	29	[3] One thread decreased one thread interval and the other decreased 10 sec.
14273	9	46.39	4	16	43	38.79	40	49	28.6	Mer.	21	28	
14274	9	47.34	1	16	43	38.79	26	29	32.0	Mu.	114	21	
	8	47.46	1			39.12			35.0	Mer.	191	57	
	9	46.50	3			39.17			35.1	Mer.	33	47	
	8	48.45	3			39.55			45.7	Tr.	165	18	
	9	46.52	2			39.70			35.9	Mu.	31	25	
14275	9	46.30	1	16	43	41.90	41	23	10.9	Mer.	13	81	
14276	9	46.34	1	16	43	44.63	29	43	24.6	Tr.	17	108	
	8	47.32	1			44.68			31.9	Mer.	97	106	
	11	46.48	1			44.83			40.3	Tr.	32	35	
14277	8	46.53	1	16	43	49.01	40	11	51.9	Mu.	34	13	
14278	7.8	47.44	1	16	43	49.04	28	11	27.3	Mu.	117	76	
	8	46.53	1			49.11			29.1	Tr.	42	21	
	9	47.40	1			49.25			27.1	Mer.	189	46	
	8	46.40	2			49.33			27.7	Mer.	22	28	
14279	8	46.53	3	16	43	51.82	42	13	24.6	Mer.	42	8	
14280	10	46.46	1	16	43	53.33	32	5	....	Tr.	30	20	
14281	10	48.55	2	16	43	58.04	25	0	41.3	Tr.	174	5	
14282	8	46.34	5	16	44	0.06	43	18	22.8	Mer.	14	13	
14283	10	46.52	1	16	44	0.50	37	19	....	Tr.	38	4	
14284	6.7	46.53	2	16	44	2.43[4]	42	5	57.0	Mer.	42	9	[4] One of three threads rejected; R. A.=$1^{s}.33$.
	5	46.38	2			2.46			53.6	Mer.	19	34	
14285	10	49.46	2	16	44	5.70	19	55	36.3	Mu.	255	44	
14286	8	47.47	3	16	44	10.25	30	9	6.4	Tr.	123	31	
	9.8	46.54	2			10.43			4.6	Mu.	37	1	
	9	47.31	2			10.46			3.3	Mer.	96	33	
	8	47.46	1			10.49[5]			3.9	Tr.	122	33	[5] R. A. decreased 1 min.
	9	47.48	1			10.50			3.2	Tr.	124	34	
	9	46.54	1			10.55			4.4	Tr.	46	2	
	9	46.50	2			10.81			2.9	Mu.	28	43	
	9	46.52	1			10.92			2.3	Mu.	32	11	
	8	47.44	3			11.21			2.0	Mer.	190	66	
14287	9	46.46	1	16	44	11.09	33	13	47.9	Tr.	26	1	
14288	10	46.52	1	16	44	12.21	39	23	50.8	Tr.	34	18	
14289	9	47.29	2	16	44	17.75	29	7	....	Mer.	94	41	
	7	48.46	1			18.42[6]			3.0	Mu.	173	26	[6] R. A. increased 10 sec.
	8	47.34	1			18.47			0.6	Tr.	117	21	
	8.9	46.34	4			18.50			5.0	Mer.	15	149	
	8.9	46.34	1			18.52			2.2	Tr.	17	109	
14290	9	46.46	2	16	44	20.78	38	18	39.5	Tr.	29	23	
14291	8	48.41	1	16	44	25.38	25	27	52.5	Mer.	125	17	
14292	8	46.39	7	16	44	31.41	40	53	54.4	Mer.	21	29	
14293	9	46.48	2	16	44	31. . .[7]	28	41	55.5	Mu.	27	36	[7] Separate threads give $31^{s}.40$, $32^{s}.28$.
	8	46.40	1			31.81			54.8	Mer.	22	29	
14294	7	46.53	1	16	44	31.95	40	16	24.1	Mu.	34	14	
14295	9	46.42	2	16	44	32.29	30	29	53.5	Tr.	25	13	
	8	47.48	3			32.37			55.5	Mer.	192	60	
	10	47.40	1			32.40			54.7	Tr.	119	100	
14296	7	48.50	2	16	44	33.90	20	9	....	Tr.	170	4	
	8	48.49	2			33.97[8]			....[9]	Tr.	169	25	[8] One of three threads rejected; R. A.=$34^{s}.82$.
	6	49.46	4			34.05			34.7	Mu.	255	45	[9] Decl. changed one wire interval south.
14297	8	47.45	1	16	44	37.02	27	21	11.4	Mu.	118	27	
	10	46.52	1			37.02			11.0	Tr.	36	30	
14298	10	46.29	3	16	44	38.43	35	58	20.2	Tr.	12	22	
	7	46.40	2			38.76			19.2	Mu.	16	48	
14299	8	46.30	3	16	44	39.78	33	13	19.7	Tr.	15	50	
	8	46.46	1			39.99			16.5	Tr.	26	2	
14300	7	48.46	1	16	44	41.37	29	8	2.5	Mu.	173	27	
	8	47.32	1			41.40			3.4	Mer.	97	107	
	9	47.34	1			41.63			3.8	Tr.	117	22	
	8.9	46.34	4			41.72			1.8	Mer.	15	150	
	9	47.29	1			41.72			....	Mer.	94	42	
	8	46.34	1			41.93			1.9	Tr.	17	110	
14301	9	48.46	3	16	44	47.63	24	48	55.7	Mer.	128	34	
	9	48.47	3			47.71			53.6	Tr.	168	41	
	8	48.41	1			47.86			56.2	Mu.	166	14	
	8	48.43	1			48.02			55.8	Mu.	170	29	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
14302	8	47.46	2	16	44	53. . .[1]	30	27	59.5	Mu.	120	64	[1] Separate threads give $52^{s}.08$, $53^{s}.18$. Gou gives $53^{s}.1$.
	9	47.40	1			53.12			61.1	Tr.	119	101	
14303	5	46.46	2	16	44	54.36	38	9	42.7	Tr.	29	24	
14304	8	46.34	4	16	44	55.18	43	3	54.4	Mer.	14	14	
	8.9	46.52	7			55.33			55.6	Mer.	36	11	
14305	8	46.46	2	16	44	58.99	31	56	....	Tr.	30	21	
14306	9	49.56	2	16	44	59.86	31	5	3.7	Mer.	185	5	
14307	5	47.46	2	16	45	1.86	30	20	7.8	Tr.	122	34	
	7.8	47.31	1			2.02			7.5	Mer.	96	34	
	6	47.48	1			2.12			5.0[2]	Tr.	124	35	[2] Decl. changed two wire intervals north.
	7	47.44	2			2.14			9.8	Mer.	190	67	
	6.7	46.52	3			2.15			8.4	Mu.	32	12	
	6.7	46.54	1			2.16			8.3	Tr.	46	3	
	7	47.46	2			2.35			6.3	Mu.	120	65	
	7.8	47.48	1			2.46			8.6	Mer.	192	61	
	7.8	46.50	1			2.55			7.0	Mu.	28	44	
14308	9	47.44	1	16	45	5.37	28	18	37.9	Mu.	117	77	
	10	46.53	1			6.25			35.6	Tr.	42	22	
14309	7	48.49	1	16	45	6.41	27	18	62.4	Mu.	176	8	
	8	46.52	1			6.66			61.1	Tr.	36	31	
	7	46.52	3			6.70			61.8	Mu.	29	34	
	7	47.45	1			6.80			59.8	Mu.	118	28	
	9	47.44	1			6.91			64.9	Tr.	121	37	
	8	46.40	2			6.97			63.3	Mer.	24	7	
	8	46.42	2			7.10			62.1	Mer.	25	79	
14310	9	49.47	2	16	45	7.14	19	3	34.4	Mu.	259	17	
14311	7	47.48	3	16	45	8.35	25	34	32.7	Mu.	122	24	
	6	48.41	2			8.50			35.5	Mer.	125	18	
	8	48.42	4			8.51			32.7	Mu.	167	61	
	7	48.43	1			8.54			....	Tr.	164	37	
14312	7	46.38	4	16	45	11.02	30	43	37.0	Tr.	18	18	
	7	47.46	1			11.01			35.3	Mu.	120	66	
	8	46.42	1			11.24[3]			34.7[4]	Tr.	25	14	[3] R. A. decreased one thread interval.
	8	47.40	1			11.68			37.3	Tr.	119	102	[4] Decl. changed one wire interval south.
14313	9.10	49.46	1	16	45	16.45	21	1	58.0	Mu.	256	83	
14314	7	48.41	2	16	45	19.30	25	33	40.4	Mer.	125	19	
	8	47.48	2			19.59			38.8	Mu.	122	25	
	9	48.42	3			19.88			39.8	Mu.	167	62	
14315	6	46.52	1	16	45	19.47	39	15	19.3	Tr.	34	19	
	9	46.26	3			19.81			20.0	Tr.	3	8	
14316	8	46.42	1	16	45	28.46	27	29	51.0	Mer.	25	80	
	7	46.52	3			28.46			51.7	Mu.	29	35	
	6.7	47.45	2			28.60			54.4	Mu.	118	29	
	8	47.47	4			28.60			49.6	Mer.	101	7	
14317	8	47.32	2	16	45	30. . .[5]	29	36	5.8[6]	Mer.	97	108	[5] Separate threads give $29^{s}.19$, $30^{s}.32$ Gou gives $30^{s}.7$.
	7	46.48	2			30.48			12.5[7]	Tr.	32	36	
	8	46.34	1			30.84			3.2	Tr.	17	111	[6] Decl. changed one rev. north.
14318	8	46.42	2	16	45	31.68	31	9	3.0	Mu.	19	97	[7] Decl. changed one rev. south.
	7	49.56	2			31.73			1.6	Mer.	185	6	
14319	9	46.42	1	16	45	32.03	30	58	20.3	Tr.	25	15	
14320	8	46.46	2	16	45	32.78[8]	32	22	48.9	Mu.	25	20	[8] Two of four threads rejected; R. A.=$32^{s}.04$, $33^{s}.46$.
14321	7	46.52	2	16	45	34.43	26	9	45.0	Mu.	31	26	
	7.8	47.34	3			34.62			44.1	Mu.	114	22	
	8	48.45	4			34.62			40.2	Tr.	165	19	
	9	46.50	4			34.78			44.0[9]	Mer.	33	48	[9] Decl. changed three wire intervals north.
	8	47.46	2			34.96[10]			42.4	Mer.	191	58	[10] One of three threads rejected; R. A.=$34^{s}.20$.
14322	7	48.46	1	16	45	34.72[11]	29	3	19.4	Mu.	173	28	[11] R. A. decreased 1 min.
	..	47.29	1			34.93			....	Mer.	94	43	
	9	46.34	2			35.15			17.9	Mer.	15	151	
14323	9	49.46	2	16	45	41.01	21	37	43.5	Mu.	256	84	
	9	49.47	2			41.03			46.7	Tr.	244	37	
	8	49.47	1			41.11			40.5	Mu.	257	29	
	7.8	49.47	1			41.13			44.3	Tr.	245	26	
14324	7.8	49.47	1	16	45	42.16	21	47	23.9	Tr.	245	25	
	9	51.46	5			42.40			28.2	Tr.	265	30	
	10	49.47	1			42.41			31.8	Mu.	257	38	
14325	8	46.46	1	16	45	45.68	32	15	....[12]	Tr.	30	22	[12] Decl. changed one wire interval south.
	7	46.46	4			45.84			15.0	Mu.	25	21	
14326	8	49.46	3	16	45	47.13	23	15	43.1	Tr.	243	23	
	8	48.48	5			47.37			38.7	Mu.	175	49	
14327	8	48.43	1	16	45	49.67	24	15	31.2	Mu.	170	30	
	9	48.46	2			49.71			25.8	Mer.	128	35	
	9	48.47	3			49.77			30.3	Tr.	168	42	
14328	7	46.53	2	16	45	50.37	40	24	45.1	Mu.	34	15	
14329	8	46.52	2	16	45	53.66	37	16	....	Tr.	38	5	
14330	8	47.46	1	16	45	56.36	31	4	53.2	Mu.	120	67	
14331	9	46.38	1	16	45	57.32	34	14	36.4	Tr.	19	69	
14332	10	49.47	4	16	45	58.43	20	32	39.8	Mu.	258	12[13]	[13] "Too faint."
14333	6	48.46	1	16	46	4.43[14]	29	1	40.3	Mu.	173	29	[14] R. A. decreased 1 min.
	..	47.29	2			4.50			....	Mer.	94	44	
	9	47.34	1			4.60			37.9	Tr.	117	23	
	7.8	46.34	4			4.79			37.7	Mer.	15	152	
	8	46.48	2			5.18			39.8	Mu.	27	37	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
14334	7.8	46.39	6	16	46	10.38	40	34	36.1	Mer.	21	30	
14335	7	46.30	3	16	46	10.42	33	15	36.0	Tr.	15	51	
	7	46.46	1			10.50			32.7	Tr.	26	3	
14336	9	46.40	1	16	46	10.42	28	4	53.6	Mer.	22	30	
	10	46.53	1			11.15			54.5	Tr.	42	23	
	9	46.46	4			11.17			55.6	Mer.	27	30	
	10	47.40	2			11.48			55.4	Mer.	189	47	
14337	10	47.40	2	16	46	12. . .[1]	28	3	53.1	Mer.	189	48	[1] Separate threads give 12s.19, 13s.31.
	9	46.46	4			12.88			54.5	Mer.	27	31	
14338	8	46.42	1	16	46	14.63	31	13	16.1	Mu.	19	98	
	8	49.56	3			14.74			21.2	Mer.	185	7	
14339	9.10	46.38	3	16	46	21.64	35	14	8.1	Mu.	14	74	
14340	8.9	46.40	1	16	46	25.69	28	45	24.5	Mer.	22	31	
14341	9	46.53	3	16	46	25.79	42	42	10.9	Mer.	42	10	
14342	9.10	49.46	2	16	46	26. . .[2]	21	25	44.8	Mu.	256	85	[2] Separate threads give 26s.61, 25s.80. AW gives 26s.4.
14343	9	46.46	2	16	46	27.58	33	51	15.2	Mu.	22	52	
14344	8	46.53	2	16	46	30. . .[3]	40	16	1.1	Mu.	34	16	[3] Separate threads give 30s.07, 30s.96. Gou gives 30s.7.
14345	10	47.46	1	16	46	30.31	26	31	1.3	Mer.	191	59	
14346	9.10	46.46	2	16	46	30.83	33	44	45.0	Mu.	22	53	
14347	8.9	48.42	1	16	46	32.22	25	17	9.0	Mu.	167	63	
	9	48.55	4			32.45			14.8	Tr.	174	6	
	7	48.41	2			32.62			11.3	Mu.	166	15	
14348	10	49.47	2	16	46	35.32	19	16	25.9	Mu.	259	18	
	8	51.57	5			35.41			14.8	Tr.	267	1	
14349	10	47.47	2	16	46	35.45	30	4	17.6[4]	Tr.	123	32	[4] Decl. changed one wire interval north.
14350	7.8	49.47	2	16	46	36.48	21	19	18.0	Tr.	244	38	
	8	49.46	1			36.84			17.1	Mu.	256	86	
14351	7	47.46	1	16	46	40.38	31	3	37.8	Mu.	120	68	
	8	47.48	2			40.46			34.5	Mer.	192	62	
	8	46.42	1			40.51			34.2	Tr.	25	16	
	7	47.40	1			40.52			36.0	Tr.	119	103	
	7	46.42	1			40.71			42.3[5]	Mu.	19	99	[5] Decl. changed five rev. north.
	7	49.56	1			40.89			33.4	Mer.	185	8	
14352	10	48.49	4	16	46	42.61	23	46	. . . .	Mer.	129	6	
	9.10	48.47	2			43.02			37.9	Mu.	174	58	
14353	9	46.52	2	16	46	45.07	36	48	. . . .	Tr.	38	6	
14354	9	46.52	1	16	46	45.55	39	43	45.0	Tr.	34	20	
14355	8	46.46	2	16	46	46.89	38	11	17.7	Tr.	29	25	
14356	11	48.49	2	16	46	49.38	19	51	. . . .	Tr.	169	26	
	9.10	49.46	3			49.42			19.4	Mu.	255	46	
14357	8	46.52	1	16	46	52.98	27	51	13.4	Mu.	29	36	
	8.9	46.46	3			53.09			8.9	Mer.	27	32	
	8	47.44	1			53.35			[19.0][6]	Mu.	117	78	[6] Decl. changed five rev. north. May have been observed with horizontal wire 5, for which correction is given.
	7	47.45	1			53.55			12.5	Mu.	118	30	
14358	9	48.43	2	16	46	55.36	25	45	. . . .	Tr.	164	38	
	8	48.41	2			55.37			30.8	Mer.	125	20	
	8	47.48	1			55.49			30.0	Mu.	122	26	
14359	10	46.53	1	16	46	58.14	28	29	52.5	Tr.	42	24	
14360	9	47.40	1	16	47	4.18	30	20	12.2	Tr.	119	104	
	8.9	46.54	2			4.22			7.1	Tr.	46	4	
	8	46.54	3			4.30			7.3	Mu.	37	2	
	9	47.31	3			4.54			7.2	Mer.	96	35	
	8	46.52	3			4.58			5.4	Mu.	32	13	
	8	46.50	3			4.58			7.1	Mu.	28	45	
14361	9	46.46	2	16	47	15.92	32	5	. . . .	Tr.	30	23	
14362	7	46.30	2	16	47	25.02	33	0	56.0	Tr.	15	52	
	6	46.46	1			25.04			57.1	Tr.	26	4	
14363	10	46.52	1	16	47	32.48	27	16	22.9	Tr.	36	32	
14364	9.10	46.46	2	16	47	34.36	37	31	6.4	Mu.	24	28	
14365	8	46.52	1	16	47	39.94	26	42	32.3	Tr.	36	33	
	9	46.50	6			40.13			30.9	Mer.	33	49	
	10	47.44	1			40.20			30.9	Tr.	121	38	
	8	48.49	1			40.46			33.7	Mu.	176	9	
	9	47.51	1			40.64[7]			33.8	Mer.	194	1	[7] R. A. decreased one thread interval.
14366	9	46.46	3	16	47	42.07	37	45	17.4	Mu.	24	29	
14367	8	46.53	2	16	47	43.13	40	6	46.1	Mu.	34	17	
14368	6.7	48.55	7	16	47	45.52	22	54	23.9	Mu.	181	23	
	8	49.46	4			45.60			24.1	Tr.	243	24	
	4	49.47	6			45.61			. . . .	Mer.	184	58	
	7	48.48	6			45.67			24.7	Mu.	175	50	
14369	9	49.46	2	16	47	48.01	21	33	12.0	Mu.	256	87	
	9	49.47	2			48.15			14.1	Tr.	244	39	
	9	49.47	2			48.38			16.9	Tr.	245	27	
	7	49.47	3			48.38			9.8	Mu.	257	30	
14370	8	46.38	1	16	47	58.82	35	29	49.9	Mu.	14	75	
14371	9	46.38	1	16	48	2.10	34	9	52.0	Tr.	19	70	
14372	10	47.46	2	16	48	10. . .[8]	26	26	31.0	Mer.	191	60	[8] Separate threads give 9s.80, 10s.81
	8	46.52	3			10.37			33.1	Mu.	31	27	
	9	47.34	2			10.48			33.4	Mu.	114	23	
	9	48.45	2			10.62			32.8	Tr.	165	20	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
14373	6	51.57	5	16	48	15.37	19	17	50.4	Tr.	267	2	
	8	49.47	2			15.42			50.6	Mu.	259	19	
14374	9	47.32	3	16	48	16.62	29	21	48.2	Mer.	97	109	
14375	9	46.52	3	16	48	19.36	37	10	....	Tr.	38	7	
14376	8	46.46	4	16	48	21.46	41	10	39.7	Mer.	26	55	
	9	46.30	3			21.46			40.1	Mer.	13	82	
14377	9	46.38	1	16	48	22.06	35	26	54.0	Mu.	14	76	
14378	9	48.47	1	16	48	27.15[1]	24	17	38.3	Tr.	168	43	[1] Minute assumed. Record doubtful.
	9	48.43	2			27.19			42.9	Mu.	170	31	
	9.10	48.46	3			27.60			40.9	Mer.	128	36	
14379	9	47.40	2	16	48	27.56	28	27	58.1[2]	Mer.	189	49	[2] Decl. changed one wire interval south.
	9	46.53	1			27.65			55.3	Tr.	42	25	
14380	9	46.52	2	16	48	31.32	39	19	44.9	Tr.	34	21	
14381	8	46.46	3	16	48	31.57	33	22	8.1	Mu.	22	54	
	8	46.30	2			31.72			10.8	Tr.	15	53	
	7	46.46	1			31.74			10.5	Tr.	26	5	
14382	9	46.38	1	16	48	31.59	34	20	57.6	Tr.	19	71	
14383	11	49.46	1	16	48	32.50	23	4	36.2	Tr.	243	25	
14384	7	46.52	1	16	48	33.09	27	22	14.3	Tr.	36	34	
	8	46.42	3			33.16			11.5	Mer.	25	81	
	7	46.52	3			33.20			11.5	Mu.	29	37	
	9	47.47	2			33.31			12.6	Mer.	101	8	
	6	47.45	1			33.74			8.4	Mu.	118	31	
14385	9	48.41	1	16	48	34.46	24	47	21.0	Mu.	166	16	
14386	9	47.47	2	16	48	34.49[3]	29	58	29.2	Tr.	123	33	[3] R. A. decreased one thread interval.
	9	46.52	2			34.61[4]			31.0	Mu.	32	14	[4] R. A. increased 1 min.
	9	46.54	2			34.66			30.0	Mu.	37	3	
	9	46.54	2			34.66			29.8	Tr.	46	5	
	9	47.31	1			34.89			30.3	Mer.	96	36	
14387	9	47.32	2	16	48	35.03	29	37	5.6	Mer.	97	110	
	11	46.48	2			35.48			14.6	Tr.	32	37	
14388	11	48.49	1	16	48	38.40[5]	19	38	....[6]	Tr.	169	27	[5] R. A decreased one thread interval.
14389	8	46.46	2	16	48	43.67	37	22	50.3	Mu.	24	30	[6] Decl. changed one rev. north.
14390	9	46.46	2	16	48	44.54	32	42	59.2	Mu.	25	22	
14391	8	49.47	1	16	48	44.85	21	32	2.2	Tr.	245	28	
	9	49.47	1			44.91			0.7	Tr.	244	40	
	9	49.46	1			45.10			0.8	Mu.	256	88	
	10.9	49.47	1			45.18			2.1	Mu.	257	31	
14392	11	46.46	2	16	48	49.35	32	7	....	Tr.	30	24	
14393	9	46.46	2	16	48	50.48	41	10	3.8	Mer.	26	56	
14394	7	46.46	2	16	48	53.45	38	19	44.4	Tr.	29	26	
14395	8	47.32	1	16	48	57.62	29	10	0.3	Mer.	97	111	
	8.9	46.34	5			58.99			3.8	Mer.	15	153	
	9	47.34	1			59.00			3.7	Tr.	117	24	
14396	9	46.42	2	16	48	59.90	30	36	23.6	Tr.	25	17	
	7.8	47.46	2			60.03[7]			24.6	Mu.	120	69	[7] One of three threads rejected; R. A.=$58^{s}.85$.
	8	47.48	1			60.22			23.8	Tr.	124	36	
	9	47.48	5			60.35			22.8	Mer.	192	63	
	8	47.40	1			60.39			22.3	Tr.	119	105	
14397	9	49.46	1	16	49	1.43[8]	21	8	51.5	Mu.	256	90	[8] "Time of transit doubtful."
14398	7	48.41	2	16	49	2.09	25	49	11.6	Mer.	125	21	
	9	48.43	2			2.31			....	Tr.	164	39	
	8	48.42	5			2.32			16.1	Mu.	167	64	
	7	47.48	4			2.38			13.8	Mu.	122	27	
14399	9	46.52	2	16	49	3.51[9]	29	52	50.2	Mu.	32	15	[9] One of three threads rejected; R. A.=$4^{s}.35$.
	11	46.48	1			3.75[10]			63.1	Tr.	32	38	[10] R. A. decreased one thread interval.
	10	47.31	1			3.82			65.2	Mer.	96	37	
	9	46.54	2			3.87			50.2	Mu.	37	4	
	9	46.54	1			4.13			50.3	Tr.	46	6	
14400	9	49.47	1	16	49	3.93	19	33	5.1	Mu.	259	20	
	9	51.57	5			3.94			5.8	Tr.	267	3	
14401	10	49.47	2	16	49	4.45	22	46	....	Mer.	184	59	
14402	9	49.46	1	16	49	5.07	21	22	38.0	Mu.	256	89	
14403	9	48.46	1	16	49	7.71	28	34	55.0	Mu.	173	30	
14404	9	47.34	1	16	49	12.10	26	7	6.0	Mu.	114	24	
	9	46.50	1			12.47			5.8	Mer.	33	50	
	10	47.46	1			12.67			5.6	Mer.	191	61	
	9.10	47.51	2			12.73			0.0	Mer.	194	2	
	10	48.45	2			12.90			5.9	Tr.	165	21	
14405	9	48.49	1	16	49	12.18	26	52	23.1	Mu.	176	10	
	9	47.44	2			12.21[11]			19.1	Tr.	121	39	[11] R. A. decreased one thread interval.
	8	47.34	2			12.53[12]			21.5	Mer.	100	21	[12] R. A. increased 1 min. One of three threads rejected; R. A.=$11^{s}.77$.
14406	10	48.46	2	16	49	13.22[13]	24	9	36.8	Mer.	128	37	
14407	8	46.46	1	16	49	14.55	33	17	23.5	Tr.	26	6	[13] One thread assumed as $4^{s}.5$ instead of 45^{s} as recorded.
	8.9	46.30	2			14.73			24.1	Tr.	15	54	
14408	9	46.52	5	16	49	15.56[14]	42	59	4.8	Mer.	36	12	[14] Four threads increased 1 sec. each.
	9	46.34	4			15.91			7.3	Mer.	14	15	
14409	9	47.44	1	16	49	21.79[15]	26	46	42.7	Tr.	121	40	[15] R. A. decreased one thread interval.
14410	9	47.40	1	16	49	23.10	28	13	37.8	Mer.	189	50	
	8.9	46.46	5			23.30[16]			38.0	Mer.	27	33	[16] Three threads increased 10 sec. each.
	9	46.40	1			23.34			41.8	Mer.	22	32	
	8	47.44	1			23.35			40.2[17]	Mu.	117	79	[17] Decl. changed ten rev. south.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
14411	9	46.34	3	16	49	28.32 [1]	28	55	21.3	Mer.	15	154	[1] One of four threads rejected; R. A.=29^{s}.21.
14412	9.10	49.47	3	16	49	34.24	20	32	56.6	Mu.	258	13	
	10	48.50	2			34.35			....	Tr.	170	5	
14413	10	46.52	2	16	49	34.78	37	12	....	Tr.	38	8	
14414	9	47.40	1	16	49	37.25	28	19	37.0	Mer.	189	52	
	7.8	47.44	1			37.38			32.8	Mu.	117	80	
	8	46.40	1			37.40			31.5	Mer.	22	33	
14415	9	46.46	1	16	49	37.72 [2]	32	40	53.4 [3]	Mu.	25	23	[2] R. A. decreased one thread interval.
14416	8	46.42	2	16	49	39.72	30	57	19.4	Mu.	19	100	[3] "After passing thread VII."
	9	47.40	1			39.74			20.3	Tr.	119	106	
	9	46.42	2			39.79 [4]			21.8	Tr.	25	18	[4] One thread decreased one thread interval.
	8	49.56	1			39.80			22.1	Mer.	185	9	
	9	47.48	2			40.14			35.3	Mer.	192	64	
14417	9	48.49	1	16	49	40.82	23	44	....	Mer.	129	7	
	9	48.47	3			40.98			59.0	Mu.	174	59	
14418	9	48.48	3	16	49	47.23	23	30	28.4	Mu.	175	51	
	9	48.47	2			47.40 [5]			24.3	Mu.	174	60	[5] R. A. decreased 1 min.
	10	49.46	2			47.46			24.0	Tr.	243	26	
14419	9	47.40	1	16	49	53.26	28	13	28.4	Mer.	189	51	
	8	46.46	2			53.46			32.8 [6]	Mer.	27	34	[6] Micrometer rev. assumed.
	7.8	47.44	1			53.54			31.1	Mu.	117	81	
14420	9	48.46	2	16	49	54.03	24	8	57.6	Mer.	128	38	
14421	11	48.49	1	16	49	55.51 [7]	19	53	....	Tr.	169	28	[7] R. A. decreased 1 min.
	10	49.46	3			55.63			56.0	Mu.	255	47	
14422	7	47.45	1	16	49	58.40	27	35	22.5	Mu.	118	32	
	8	46.42	2			58.53			25.5	Mer.	25	82	
	10	47.54	5			59.05			22.8	Mer.	195	1	
	8	46.52	1			59.27			23.7	Mu.	29	38	
	9	47.47	1			59.27			22.7	Mer.	101	9	
14423	9	48.49	1	16	50	4.50	26	56	36.3	Mu.	176	11	
	8	47.44	1			4.58 [8]			37.7	Tr.	121	41	[8] R. A. decreased one thread interval.
	7	46.52	1			4.86			35.9	Tr.	36	35	
	8	47.34	3			5.00			37.0	Mer.	100	22	
14424	7	46.52	3	16	50	11.25	26	8	20.8	Mu.	31	28	
	10	47.46	1			11.29			20.5	Mer.	191	62	
	8	47.34	1			11.66			19.2	Mu.	114	25	
	9	47.51	2			11.80 [9]			17.4	Mer.	194	3	[9] One of three threads rejected; R. A.=10^{s}.15.
	9	48.45	3			11.83			16.6	Tr.	165	22	
14425	8	46.42	1	16	50	11.51	31	28	31.3 [10]	Mu.	19	101	[10] Decl. changed five rev. north.
	9	49.56	1			11.93			29.2	Mer.	185	11	
14426	8	48.41	3	16	50	15.46	25	27	55.0	Mer.	125	22	
14427	9	46.46	2	16	50	15.78 [11]	37	42	15.1	Mu.	24	31	[11] One of three threads rejected; R. A.=15^{s}.06.
14428	9	49.47	1	16	50	20.71	21	15	56.6	Tr.	244	41	
14429	9	49.56	2	16	50	21.84	31	21	31.4	Mer.	185	10	
14430	11	46.46	1	16	50	22.25	31	57	....	Tr.	30	25	
14431	10	49.47	1	16	50	28.33	19	11	44.2	Mu.	259	21	
14432	8.9	46.38	5	16	50	31.86	41	50	22.8	Mer.	19	35	
14433	7	46.29	4	16	50	37.11	35	41	57.8	Tr.	12	23	
14434	10	47.31	1	16	50	39.11	30	14	40.2	Mer.	96	38	
14435	10	49.46	1	16	50	41.76	21	13	10.2	Mu.	256	91	
14436	7	47.45	1	16	50	46.18	27	44	8.3 [12]	Mu.	118	33	[12] Decl. changed five rev. north.
	8	46.42	2			46.41			11.0	Mer.	25	83	
	9	46.46	3			46.47			9.2 [13]	Mer.	27	35	[13] Decl. changed one wire interval north.
14437	5	48.41	2	16	50	47.. [14]	24	51	37.3	Mu.	166	17	[14] Separate threads give 47^{s}.45, 46^{s}.18. Gou gives 47^{s}.0.
	7	48.55	2			47.06			29.8	Tr.	174	7	
14438	10	47.31	1	16	50	50.09	30	16	51.5 [15]	Mer.	96	39 [16]	[15] "Decl. doubtful."
14439	9	47.47	2	16	50	50.45	30	0	20.1	Tr.	123	34	[16] Unidentified. Looked for with equatorial but not found. This may be the R. A. of No. 14439 and the Decl. of 14445.
	9	46.52	1			50.54			24.6	Mu.	32	16	
	9	46.54	1			50.72			20.5	Tr.	46	7	
	9	47.44	3			50.86			22.6	Mer.	190	68	
14440	8.9	48.46	1	16	50	58.27	24	45	17.1	Mer.	128	39	
	6	48.55	1			58.42			27.5	Tr.	174	8	
	8	48.47	3			58.55			13.4	Tr.	168	44	
	5	48.41	2			58.65			16.7	Mu.	166	18	
	5	48.43	3			58.79			17.6	Mu.	170	32	
14441	7	46.46	2	16	51	0.81	37	58	23.0	Tr.	29	27	
14442	8	47.40	1	16	51	1.66	28	24	10.8	Mer.	189	53	
	7	46.48	2			3.. [17]			11.1	Mu.	27	38	[17] Separate threads give 3^{s}.42, 2^{s}.41. Gou gives 3^{s}.3.
	7.8	46.40	1			3.09			9.5	Mer.	22	34	
	7	47.44	1			3.34			7.6	Mu	117	82	
	7	48.46	3			3.35 [18]			10.8	Mu.	173	31	[18] One thread decreased 10 sec.
14443	10	49.47	1	16	51	2.25	21	54	49.3	Tr.	245	29	
14444	6	46.46	2	16	51	9.26	38	5	12.0	Tr.	29	28	
14445	9	47.46	1	16	51	11.42	30	16	45.3	Mu.	120	70	
	9	47.48	1			11.89			43.3	Tr.	124	37	
	9	46.52	1			12.24			45.2	Mu.	32	17	
14446	9	47.29	1	16	51	11.95	29	1	....	Mer.	94	45	
	8	46.34	7			12.05			34.4	Mer.	15	155	
14447	8	46.42	1	16	51	15.51	31	32	40.1	Mu.	19	102	
	9	49.56	2			15.81			38.9	Mer.	185	12	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
14448	9	46.46	1	16	51	15.69	33	38	48.0	Mu.	22	55	
	10	46.46	1			15.78			46.3	Tr.	26	7	
14449	9	47.47	1	16	51	17.25	27	33	41.6	Mer.	101	10	
	7	46.52	2			17.43			46.6	Mu.	29	39	
14450	10	49.47	1	16	51	22.88	21	54	7.1	Tr.	245	30	
14451	9	46.46	4	16	51	29.46	28	10	3.5	Mer.	27	36	
14452	7	46.29	3	16	51	31.19[1]	29	26	26.6	Mer.	9	16	[1] R. A. increased one thread interval. One of four threads rejected as the time of transit 19ˢ.2 recorded as over thread I, should probably be 59ˢ.2 over thread 1.
	8	47.32	2			31.26			23.8	Mer.	97	112	
	7	46.48	1			31.31			26.0	Tr.	32	39	
14453	9	49.46	3	16	51	33.53	23	17	4.4	Tr.	243	27	
	9	48.48	3			33.67			1.8	Mu.	175	52	
14454	8	49.47	2	16	51	33.55	21	13	40.5	Tr.	244	42	
	8	49.46	2			33.63			40.5	Mu.	256	92	
14455	10	48.41	3	16	51	36.22	25	33	16.4	Mer.	125	23	
14456	7	47.44	1	16	51	37.89	28	19	22.3	Mu.	117	83	
	8	47.40	r			38.07			22.9[2]	Mer.	189	54	[2] Decl. changed five rev. south.
14457	neb.	46.54	1	16	51	38.69[3]	29	52	49.3[4]	Mu.	37	5	[3] R. A. decreased one thread interval.
14458	10	48.50	3	16	51	41.52[5]	20	21	....	Tr.	170	6	[4] Micrometer reading the same as for Mu. 37, No. 4. AW gives 53′ 19″.
	10	49.47	3			41.69			6.4	Mu.	258	14	
	10	49.46	2			41.80[6]			8.1	Mu.	255	48	[5] One thread increased one thread interval.
14459	10	46.48	1	16	51	41.83	29	27	24.5[7]	Tr.	32	40	[6] One thread decreased one thread interval.
	9	47.32	2			42.10[8]			15.6	Mer.	97	113	[7] Decl. changed one wire interval south.
	8	46.29	3			42.33			23.1	Mer.	9	17	[8] Minute assumed.
14460	8	46.52	2	16	51	48.10	37	4	....	Tr.	38	9	
14461	8	46.46	1	16	51	53.48	32	25	8.4	Mu.	25	24	
14462	8.9	46.30	2	16	51	56.13	33	8	19.7	Tr.	15	55	
14463	10	46.42	2	16	51	57.67	30	30	58.7	Tr.	25	19	
	9	47.40	1			57.83			60.2	Tr.	119	107	
	8	47.46	1			58.12			61.1	Mu.	120	71	
	9	47.48	2			58.12			61.2	Mer.	192	65	
14464	8	47.34	3	16	51	59.05[9]	27	1	18.9	Mer.	100	23	[9] One of four threads rejected; R. A.=59ˢ.88.
	7.8	46.42	1			59.21			16.6	Mer.	25	84	
	8	46.52	1			59.29			19.2	Tr.	36	36	
	6	48.49	2			59.35			20.4	Mu.	176	12	
	8	46.46	2			59.42			13.9	Mer.	28	1	
	8	47.44	2			59.46			21.8	Tr.	121	42	
14465	..	46.46	1	16	52	0.37	32	12	26.6[10]	Mu.	25	25	[10] "After passing thread VII."
14466	8.9	46.46	1	16	52	2.14	33	40	25.3	Mu.	22	56	
	8	46.46	1			2.38			26.1	Tr.	26	8	
14467	9	48.45	2	16	52	7. ..[11]	26	24	59.1	Tr.	165	23	[11] Separate threads give 7ˢ.43, 6ˢ.73.
	9	47.46	2			7.06[12]			54.1	Mer.	191	63	[12] One of three threads rejected; R. A.=8ˢ.08.
	8	46.52	4			7.30			56.6	Mu.	31	29	
	8	47.34	2			7.50			53.9	Mu.	114	26	
14468	9	46.52	2	16	52	7.60	27	2	44.8	Tr.	36	37	
	9	47.34	2			7.95			43.4	Mer.	100	24	
	9	46.46	1			8.07[13]			40.2	Mer.	28	2	[13] R. A. increased one thread interval.
14469	9	48.41	2	16	52	10.37	25	30	48.6[14]	Mer.	125	24	[14] Decl. changed one wire interval south.
14470	7	46.46	2	16	52	11.17	31	54	....	Tr.	30	26	
14471	9	47.48	2	16	52	13. ..[15]	30	33	7.5[16]	Mer.	192	66	[15] Separate threads give 14ˢ.36, 13ˢ.30.
	8	46.42	2			13.50			5.4[17]	Tr.	25	20	[16] Decl. changed one rev. north.
	7	47.46	3			13.58			7.0	Mu.	120	72	[17] Decl. changed two rev. south.
	8	47.48	1			13.64			8.7	Tr.	124	38	
	7	47.40	1			13.74			3.9	Tr.	119	108	
14472	8.9	46.52	2	16	52	19.04[18]	40	41	21.4	Mer.	38	1	[18] R. A. decreased 1 min.
14473	10	48.49	2	16	52	22.55	20	12	....	Tr.	169	29	
	7.8	49.46	3			22.61[19]			31.6	Mu.	255	49	[19] One of four threads rejected; R. A.=21ˢ.77.
14474	8	49.47	3	16	52	23.22	22	35	....	Mer.	184	60	
14475	8	46.52	1	16	52	25.56	26	43	30.1	Tr.	36	38	
	8	48.49	1			25.58			33.3	Mu.	176	13	
14476	9	47.48	1	16	52	33.25	30	25	36.8	Tr.	124	39	
	9	47.48	1			33.30			....	Mer.	192	67[20]	[20] It is assumed that the R. A. and Decl. of Mer. 192, No. 67, belong to different stars.
	9	46.53	1			33.31			33.5	Tr.	46	8	
	8	47.40	1			33.67			35.4	Tr.	119	109	
	8	47.44	3			33.96			34.3	Mer.	190	69	
14477	8	47.47	2	16	52	33.30	27	42	44.5	Mer.	101	11	
	8	46.46	5			33.42			46.4	Mer.	27	37	
	7	46.52	3			33.62			45.7	Mu.	29	40	
	6	47.45	1			33.66			45.2	Mu.	118	34	
	7	46.42	1			33.68			42.0	Mer.	25	85	
	8	47.54	2			34.09			43.1	Mer.	195	2	
14478	8	46.46	1	16	52	35.25	33	17	26.3	Tr.	26	9	
	10	46.30	1			35.51			23.9[21]	Tr.	15	56	[21] Decl. changed two rev. north.
14479	9	47.48	1	16	52	38.87	25	40	4.0	Mu.	122	28	
14480	5	46.46	2	16	52	40.04	38	14	13.3	Tr.	29	29	
14481	9	46.46	2	16	52	45.33	32	2	....	Tr.	30	27	
14482	10	48.49	2	16	52	45.63	23	39	....[22]	Mer.	129	8	[22] Decl. changed four rev. north.
14483	7	46.40	3	16	52	49.53[23]	36	38	15.1	Mu.	16	49	[23] One of four threads rejected; R. A.=50ˢ.34.
14484	8.9	46.46	5	16	52	50.68	37	29	44.4	Mu.	24	32	
14485													No star belongs to this number.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
14486	10	48.55	2	16	52	51. . .[1]	24	49	61.9	Tr.	174	9	[1] Separate threads give $51^s.38$, $52^s.80$.
	9	48.54	2			51.40[2]			59.1	Tr.	172	1	[2] R. A. decreased 1 min.
	8	48.41	2			51.41			63.1	Mu.	166	19	
14487	. .	47.48	. .	16	52	53. . .	30	23	42.7	Mer.	192	67_2[3]	[3] See note on No. 14476_2.
14488	7	46.52	2	16	52	59.43	39	51	49.2	Tr.	34	22	
	7	46.53	4			59.45			46.7	Mu.	34	18	
14489	9	47.34	1	16	53	0.20	28	45	14.3	Tr.	117	25	
	9	46.34	3			0.20[4]			15.9[5]	Mer.	15	156	[4] One thread increased 10 sec.
	8	48.46	1			0.43[6]			10.3	Mu.	173	32	[5] Decl. changed ten rev. south.
14490	8.9	48.48	3	16	53	4.76	23	3	44.8	Mu.	175	53	[6] R. A. increased one thread interval.
	9	49.46	2			5.15			41.0	Tr.	243	28	
	7	49.47	2			5.31			. . . .[7]	Mer.	184	61	[7] Decl. changed one rev. south.
14491	8	48.43	2	16	53	6.83	24	16	45.9	Mu.	170	33	
	9	48.46	3			7.23			50.8[8]	Mer.	128	40	[8] Decl. changed one rev. south.
	10	48.47	3			7.48			47.1	Tr.	168	45	
14492	9	46.53	2	16	53	7. . .[9]	43	55	19.8[10]	Mer.	40	10	[9] Separate threads give $7^s.18$, $4^s.35$. Gou gives $7^s.7$.
14493	8	47.32	1	16	53	7.27	29	5	5.5	Mer.	97	114	
	8	48.46	1			7.32			12.5	Mu.	173	33	[10] If micrometer reading be assumed as 34.103 instead of 34.703 rev., as recorded, Decl. = 40″.6. Gou gives 40″.
	8.9	46.34	3			7.81			13.4	Mer.	15	157	
14494	8.9	49.46	2	16	53	8.85	20	22	14.1	Mu.	255	50	
	8.9	49.47	5			8.99			15.6	Mu.	258	15	
	10	48.50	2			9.41			. . . .	Tr.	170	7	
14495	9	47.44	1	16	53	12.08	28	11	4.3	Mu.	117	84	
14496	7.8	47.46	1	16	53	12.67	30	50	10.2	Mu.	120	73	
	9	47.40	1			12.93			12.3	Tr.	119	110	
	9	46.42	1			13.14			11.0	Tr.	25	21	
14497	9	48.49	1	16	53	23.88	20	8	. . . .	Tr.	169	30	
14498	8	46.46	1	16	53	26.46	32	38	28.7	Mu.	25	26	
14499	8	46.52	3	16	53	31.34	36	56	. . . .	Tr.	38	10	
14500	4.5	46.46	1	16	53	37.34	37	55	51.6	Tr.	29	30	
14501	6	49.56	7	16	53	38.61	31	23	34.9	Mer.	185	13	
	6	46.42	3			38.70			33.7	Mu.	19	103	
14502	9	46.38	1	16	53	42.37[11]	34	21	10.0	Tr.	19	72	[11] R. A. increased 10 sec.
14503	8	47.34	3	16	53	44.61	26	52	32.0	Mer.	100	25	
	7	46.52	1			44.93			35.7	Tr.	36	39	
	7	47.44	2			45.02			33.2	Tr.	121	43	
	5	48.49	1			45.52			33.3	Mu.	176	14	
	8	46.46	2			45.63[12]			34.0[13]	Mer.	28	3	[12] R. A. decreased 1 min.
14504	11	47.40	1	16	53	45.39	30	25	13.2	Tr.	119	111	[13] Decl. changed one rev. south.
14505	8.9	46.46	4	16	53	46.03	37	37	7.5[14]	Mu.	24	33	[14] If micrometer reading be assumed as 28.141 instead of 28.441 rev., as recorded, Decl = 26″.4. Cp 50 and Gou give 27″.
14506	8	46.34	5	16	53	46.70	43	5	4.1	Mer.	14	16	
	9	46.52	7			46.85			5.0	Mer.	36	13	
14507	10	47.47	2	16	53	56.30	29	54	57.9	Tr.	123	35	
	10	47.44	1			56.89			57.3[15]	Mer.	190	70	[15] Decl. changed one rev. north.
14508	8	46.38	2	16	53	57.67[16]	35	3	11.7	Mu.	14	77	[16] One thread decreased one thread interval.
14509	8	48.41	1	16	54	7.70	24	46	30.6	Mu.	166	20	
	9	48.54	2			7.91			28.2	Tr.	172	2	
14510	10	47.54	2	16	54	12.85[17]	27	23	40.2	Mer.	195	3	[17] One of three threads rejected; R. A. = $13^s.76$.
14511	7	49.47	3	16	54	18.21	22	55	. . . .	Mer.	184	62	
	8	48.48	3			18.29			52.8	Mu.	175	54	
	8.9	48.55	4			18.41			51.8	Mu.	181	24	
	9	49.46	3			18.58			49.4	Tr.	243	29	
14512	. .	48.46	2	16	54	22.59	24	1	15.2	Mer.	128	41	
	9	48.49	1			22.73			. . . .	Mer.	129	9	
	8	48.47	3			22.74			15.3	Mu.	174	61	
14513	10	46.48	2	16	54	25. . .[18]	29	51	40.9[19]	Tr.	32	41	[18] R. A. decreased one thread interval. Separate threads give $25^s.73$, $27^s.40$.
	8	46.54	2			25.38			49.3	Mu.	37	6	
	9	47.44	1			25.86			50.4	Mer.	190	71	[19] Decl. changed one rev. north.
14514	7	49.47	3	16	54	30.53	19	16	14.5	Mu.	259	22	
	8	51.57	5			30.65			12.7	Tr.	267	4	
14515	7	47.44	1	16	54	34.59	28	2	13.7	Mu.	117	85	
	8	46.46	6			34.61			12.2	Mer.	27	38	
	8	47.40	2			34.81			11.7	Mer.	189	55	
14516	10	46.53	1	16	54	35.43	39	49	34.7	Tr.	43	1	
	9	46.52	1			36.45			34.7	Tr.	34	23	
14517	9	46.46	2	16	54	36.33	37	40	13.9	Mu.	24	34	
14518	10	46.46	2	16	54	39.22	32	5	. . . .	Tr.	30	28	
14519	9	46.52	2	16	54	39.38	37	13	. . . .	Tr.	38	11	
14520	10	49.46	1	16	54	40.05	21	10	7.5	Mu.	256	93	
14521	8	47.34	2	16	54	41.85	26	59	41.6	Mer.	100	26	
	7.8	47.44	2			41.89			43.0	Tr.	121	44	
	8	46.52	1			41.96			43.3	Tr.	36	40	
	8	46.46	2			42.06			40.1	Mer.	28	4	
14522	10	48.47	2	16	54	43.61[20]	24	37	28.5	Tr.	168	46	[20] One of three threads rejected; R. A. = $40^s.52$.
14523	10	49.46	1	16	54	45.68	21	11	37.6	Mu.	256	94	
	9	49.51	1			45.68			37.3	Mu.	265	1	
	10	49.47	2			45.79			31.9	Tr.	244	43	
14524	6.7	47.48	4	16	54	47.07	25	28	43.5	Mu.	122	29	
	5	48.41	2			47.10			44.1	Mer.	125	25	
	8	48.55	2			47.18			49.5	Tr.	174	10	
	8	48.42	5			47.21			43.1	Mu.	167	65	
	8	48.43	3			47.45			. . . .[21]	Tr.	164	40	[21] Decl. changed two rev. south.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
14525	9	46.38	2	16	54	47.25	35	6	2.0	Mu.	14	78	
14526	11	51.57	5	16	54	47.39	19	14	32.1	Tr.	267	5	
14527.	9	48.46	2	16	54	49.04	24	4	31.1	Mer.	128	42	
	9	48.47	1			49.08 [1]			30.2	Mu.	174	62	[1] R. A. increased one thread interval.
	8	48.43	1			49.19			27.9	Mu.	170	34	
14528	9.10	49.51	1	16	54	50.22	21	18	23.2	Mu.	265	2	
	10	49.46	1			50.82			23.4	Mu.	256	95	
14529	9.10	49.46	2	16	54	54.30	20	10	13.2	Mu.	255	51	
14530	8	47.34	1	16	54	56.55	26	42	31.7	Mer.	100	27	
	8	48.49	2			56.62			28.6	Mu.	176	15	
	7	46.52	1			56.95			30.8	Tr.	36	41	
	7	46.52	2			57.04			31.2	Mu.	31	30	
14531	10	48.49	1	16	54	57.88	20	10	....	Tr.	169	32 [2]	[2] Unidentified. Looked for with equatorial but not found.
14532	7.8	46.46	3	16	54	57.90	33	54	21.3	Mu.	22	57	
14533	8	46.53	5	16	55	0.29 [3]	43	53	28.9	Mer.	40	11	[3] R. A. increased 1 min.
14534	6	47.44	2	16	55	0.62	28	21	16.4	Mu.	117	86	
	6	46.40	3			0.83			15.5	Mer.	22	35	
	8	47.40	3			0.98			13.0	Mer.	189	56	
14535	9	48.49	2	16	55	4. . . [4]	20	15	....	Tr.	169	31	[4] Separate threads give 4ˢ.27, 5ˢ.25.
	9	49.46	2			4.72			22.4	Mu.	255	52	
	9	49.47	3			5.03			23.6	Mu.	258	16	
14536	10	47.40	1	16	55	5.60	30	57	18.4	Tr.	119	112	
	9	47.48	1			6.29			22.1	Mer.	192	68	
14537	6	46.42	2	16	55	7.74	31	8	44.6	Mu.	19	104	
	10	49.56	3			7.91			47.2 [5]	Mer.	185	14	[5] Decl. changed five rev. south.
	8	46.42	1			7.92			49.3	Tr.	25	22	
14538	9	46.53	2	16	55	10.96 [6]	44	9	31.5	Mer.	40	12	[6] One of three threads rejected; R. A. = 10ˢ.02.
14539	8	46.42	3	16	55	17.70 [7]	31	9	21.4	Mu.	19	105	[7] One thread decreased 5 sec.
14540	9	47.46	1	16	55	19.27	26	2	58.6	Mer.	191	64	
	8	47.34	2			19.29			58.0	Mu.	114	27	
	9	48.45	2			19.41			58.7	Tr.	165	24	
14541	7	48.43	1	16	55	19.42	24	1	23.1	Mu.	170	35	
	9	48.49	3			19.43			....	Mer.	129	10	
	6	48.45	1			19.58			25.6	Mu.	171	1	
	9	48.46	1			19.90			20.2	Mer.	128	43	
	8	48.47	1			20.10			24.9	Mu.	174	63	
14542	9.10	49.47	2	16	55	20.01 [8]	20	49	29.0	Mu.	258	17	[8] Separate threads give 20ˢ.38, 19ˢ.64.
14543	6	49.47	3	16	55	23.44	23	10	....	Mer.	184	63	
	9	49.46	2			23.50			20.5	Tr.	243	30	
	8	48.48	3			23.52			23.4	Mu.	175	55	
14544	8	46.52	2	16	55	25. . . [9]	27	16	44.5	Mu.	29	41	[9] Separate threads give 24ˢ.72, 26ˢ.08.
	10	47.47	1			25.81 [10]			47.4	Mer.	101	12	[10] Time of transit assumed as 25ˢ instead of 2ˢ.5 as recorded.
	8	46.42	2			25.90			44.9	Mer.	25	86	
	9	47.54	2			25.93			51.8	Mer.	195	4	
	8	47.45	1			25.93 [11]			44.6	Mu.	118	35	[11] R. A. increased one thread interval.
	8.9	46.46	2			26.42			42.8	Mer.	28	5	
14545	11	46.46	2	16	55	28.58	31	59	....	Tr.	30	29	
14546	7	48.43	2	16	55	29.80	25	25	....	Tr.	164	41	
	5	48.41	2			29.94			33.5	Mer.	125	26	
	8.9	48.54	2			30. . . [12]			40.1	Tr.	172	3	[12] Separate threads give 31ˢ.07, 30ˢ.12. Gou gives 30ˢ.2.
	7	48.41	2			30.08 [13]			34.4	Mu.	166	21	
	8	48.42	4			30.23			30.6	Mu.	167	66	[13] One thread decreased one thread interval.
	7	47.48	2			30.27			33.3	Mu.	122	30	
14547	9	46.38	2	16	55	30.16	34	51	51.7	Tr.	19	73	
14548	9	46.46	2	16	55	30.74	33	32	59.3	Mu.	22	58	
	7	46.46	2			30.95			57.5	Tr.	26	92 [14]	[14] "Double, took lower."
	10	46.30	2			31.02			59.3	Tr.	15	57	
14549	8	47.45	1	16	55	32.43	27	9	58.1	Mu.	118	36	
	9	47.44	1			32.43			61.7	Tr.	121	45	
	8	46.42	2			32.67			57.8	Mer.	25	87	
14550	10	47.47	2	16	55	34.17	29	48	49.8 [15]	Tr.	123	36	[15] Decl. changed one wire interval north.
	8	47.31	2			34.36			58.0 [16]	Mer.	96	40	[16] If micrometer reading be assumed as 31.422 instead of 31.122 rev., as recorded, Decl. = 47″.7.
	8	47.44	2			34.41 [17]			44.8	Mer.	190	72	
	8	46.29	5			34.46			48.8	Mer.	9	18	
	9	47.46	1			34.54			43.5	Tr.	122	35	[17] R. A. decreased two thread intervals. One of three threads rejected; R. A. = 33ˢ.38.
	8	46.54	2			34.61			49.2	Mu.	37	7	
	7.8	47.32	2			34.61			49.1	Mer.	97	115	
14551	7	46.40	2	16	55	37. . . [18]	36	31	32.7	Mu.	16	50	[18] Separate threads give 36ˢ.96, 37ˢ.86. Gou gives 37ˢ.9.
14552	8	46.46	1	16	55	46.90	32	45	12.2	Mu.	25	27	
14553	8	46.40	1	16	55	48.47	36	22	28.0	Mu.	16	51	
14554	9	46.46	5	16	55	49.69	28	1	6.5	Mer.	27	39	
14555	7.8	49.46	3	16	55	52. . . [19]	20	16	42.9	Mu.	255	53	[19] Separate threads give 55ˢ.37, 55ˢ.62, 52ˢ.44.
	8	48.50	2			52.38			....	Tr.	170	8	
	10	48.49	2			52.43			....	Tr.	169	33	
	7	49.47	2			52.54			43.1	Mu.	258	18	
14556	9	46.46	2	16	55	56.84	38	24	35.0	Tr.	29	31	
14557	8	47.48	1	16	56	9.51	25	15	48.8	Mu.	122	31	
	10	48.54	2			9.78			48.3	Tr.	172	4	
	10	48.55	1			9.98			46.5	Tr.	174	11	
14558	7	46.40	2	16	56	12.55	37	0	....	Tr.	22	26	
	5	46.52	3			12.63			....	Tr.	38	12	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
14559	9	48.48	1	16	56	16.48[1]	23	30	7.0	Mu.	175	56	[1] R. A. increased one thread interval.
	9	48.47	1			16.66			3.2	Mu.	174	64	
	9	48.45	1			16.77			5.6	Mu.	171	2	
14560	11	46.48	3	16	56	18.57	29	26	25.6	Tr.	32	42	
14561	10	46.46	1	16	56	20.91	31	44	....	Tr.	30	30	
14562	9	48.46	2	16	56	21.78[2]	24	20	52.5	Mer.	128	44	[2] One of three threads rejected; R. A.=22^{s}.72.
	9	48.47	2			22. . .[3]			48.8	Tr.	168	47	[3] Separate threads give 22^{s}.32, 23^{s}.14. Bo VI gives 22^{s}.2.
14563	9	46.46	2	16	56	23.39[4]	32	50	38.7	Mu.	25	28	
14564	8	47.48	1	16	56	23.93	25	36	9.1	Mu.	122	32	[4] One thread decreased 10 sec.
	7	48.41	3			24.31			11.4	Mer.	125	27	
14565	8	46.48	3	16	56	29.05	28	39	39.6	Mu.	27	39	
	6	48.46	1			29.16[5]			38.1	Mu.	173	34	[5] R. A. increased 1 min.
	7.8	46.40	2			29.20			40.6	Mer.	22	36	
	8	47.29	2			29.38[6]			....	Mer.	94	46	[6] One of three threads rejected; R. A.=28^{s}.22.
	8	46.34	4			29.45			38.7	Mer.	15	158	
	9	47.34	1			29.46			37.7	Tr.	117	26	
14566	9	46.46	3	16	56	29.29	28	4	40.5	Mer.	27	40	
14567	7	46.38	4	16	56	29.56	35	14	25.2[7]	Mu.	14	79	[7] Decl. changed one rev. north.
14568	8.9	46.53	6	16	56	31.06	44	13	59.5	Mer.	40	13	
14569	6	51.46	5	16	56	31.25	21	51	35.0	Tr.	265	31	
	8	49.47	4			31.27			35.8	Tr.	245	31	
	7	49.47	3			31.35			34.2	Mu.	257	32	
14570	8	47.29	1	16	56	35.29	29	5	....	Mer.	94	47	
14571	8	46.29	4	16	56	39.18	35	52	2.2[8]	Tr.	12	24	[8] Decl. changed one wire interval south.
14572	8	49.46	2	16	56	46.31[9]	21	4	4.3	Mu.	256	96	[9] Separate threads give 46^{s}.70, 45^{s}.91.
	8	49.51	2			46.35			2.4	Mu.	265	3	
14573	7	46.52	3	16	56	47.58[10]	26	22	11.1	Mu.	31	31	[10] One of four threads rejected; R. A.=48^{s}.39.
	8	48.45	2			47.98			9.8	Tr.	165	25	
	7.8	47.34	3			47.99			11.0	Mu.	114	28	
	8	47.46	2			48.08			8.6	Mer.	191	65	
14574	8	47.34	3	16	56	49.98	26	43	58.3	Mer.	100	28	
	9	46.52	1			50.13			56.0	Tr.	36	42	
	9	46.46	1			50.40			55.8	Mer.	28	6	
	9	47.44	1			50.49			59.4	Tr.	121	46	
14575	7	46.54	2	16	56	56.26[11]	29	56	18.9	Mu.	37	8	[11] R. A. increased one thread ~~interval~~.
	8	47.46	2			56.53			19.2	Tr.	122	36	
	8	47.31	2			56.66			18.4	Mer.	96	41	
	8	47.44	3			56.76			16.7	Mer.	190	73	
14576	8.9	46.38	1	16	56	59.38	35	10	3.9	Mu.	14	80	
14577	8.9	46.40	1	16	57	0.90	28	46	58.7	Mer.	22	37	
	8	46.34	3			1.36[12]			59.8	Mer.	15	159	[12] One of four threads rejected; R. A.=0^{s}.08.
14578	9.10	46.53	2	16	57	2.90	42	32	39.8	Mer.	42	11	
	9	46.52	6			3.12[13]			46.9[14]	Mer.	36	14	[13] One of seven threads rejected; R. A.=2^{s}.32.
14579	9	47.40	2	16	57	4.35	28	22	43.1	Mer.	189	57	[14] Decl. changed one rev. north.
14580	11	49.47	1	16	57	13.29	19	34	31.2	Mu.	259	23	
14581	9.10	49.46	1	16	57	14.05	21	6	16.3	Mu.	256	97	
14582	7.8	49.47	3	16	57	14.65	21	21	4.6	Tr.	244	44	
	8	49.51	2			14.69			3.5	Mu.	265	4	
14583	9	46.46	1	16	57	17.38	33	32	12.6	Mu.	22	59	
	10	46.46	1			17.70			11.5	Tr.	26	10	
14584	9	46.38	2	16	57	18. . .[15]	34	49	9.3	Tr.	19	74	[15] Separate threads give 15^{s}.37, 18^{s}.46. CPD gives 19^{s}.1.
14585	8.9	49.46	2	16	57	18.32	21	3	18.0	Mu.	256	98	
	10	49.47	1			18.33			21.9	Tr.	244	45	
	9	49.51	1			20.05[16]			16.9	Mu.	265	5	[16] "Time of transit possibly 2 sec. in error."
14586	11	49.46	3	16	57	23.62	23	16	35.2	Tr.	243	31	
14587	9.10	48.49	2	16	57	27.59	23	41	....	Mer.	129	11	
14588	8	48.41	1	16	57	32.78	25	20	1.5	Mer.	125	28	
14589	9	46.30	7	16	57	33.01	41	24	20.2	Mer.	13	83	
	9	46.46	6			33.02			21.4	Mer.	26	57	
14590	7	47.46	3	16	57	35.43	26	17	75.2	Mer.	191	66	
	7	48.45	3			35.68			75.5	Tr.	165	26	
	5	46.52	3			35.88			57.5[17]	Mu.	31	32	[17] If micrometer reading be assumed as 30.355 instead of 30.655 rev., as recorded, Decl.=76$''$.4.
	6.7	47.34	2			35.96			75.3	Mu.	114	29	
14591	7.8	46.38	2	16	57	36.17	34	59	37.3	Mu.	14	81	
14592	9	46.38	1	16	57	38.14	34	17	59.4	Tr.	19	75	
14593	8.9	47.46	1	16	57	38.42	30	55	18.7	Mu.	120	74	
	10	46.42	1			38.44			18.5	Tr.	25	23	
	9	47.48	2			38.45			18.5	Mer.	192	69	
14594	10	46.52	1	16	57	40.16	26	52	57.2	Tr.	36	43	
14595	9.10	48.46	3	16	57	43.20	24	21	4.9	Mer.	128	45	
	10	48.47	3			43.41			4.3	Tr.	168	48	
	7	48.43	1			44.11			8.8	Mu.	170	36	
14596	8	46.39	6	16	57	48.00	40	49	5.7	Mer	21	31	
14597	9	47.48	1	16	57	52.15	30	26	53.3	Tr.	124	40	
	9	47.40	1			52.47			50.6[18]	Tr.	119	113	[18] Decl. changed one wire interval south.
14598	8	47.29	2	16	58	0. . .[19]	28	36	....	Mer.	94	48	[19] Separate threads give 0^{s}.48, 1^{s}.81. GZ gives 1^{s}.1.
	9	48.46	1			0.79			16.7	Mu.	173	35	
14599	10	48.49	2	16	58	5. . .[20]	19	44	....[21]	Tr.	169	34	[20] Separate threads give 5^{s}.43, 6^{s}.85.
	9.10	49.46	3			5.18			19.5	Mu.	255	54	[21] Decl. changed one wire interval south and one rev. north.
	9.10	49.47	2			5.51			19.3	Mu.	261	1	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
14600	5	46.42	1	16	58	6.27	30	52	11.3	Mu.	19	106	
	7	46.42	2			6.29			12.6	Tr.	25	24	
	7	47.46	2			6.29			11.8	Mu.	120	75	
	6	47.40	1			6.39			12.6	Tr.	119	114	
	8	47.48	3			6.51			11.2	Mer.	192	70	
14601	9	46.29	1	16	58	8.72	35	26	29.0	Tr.	12	25	
14602	8.9	46.52	3	16	58	10.61	40	38	46.1	Mer.	38	2	
14603	7	47.45	2	16	58	13.79	27	31	30.1	Mu.	118	37	
	10	47.47	2			13.93			27.6[1]	Mer.	101	13	[1] Decl. changed two wire intervals north.
	8	46.42	2			13.95[2]			29.8	Mer.	25	88	[2] R. A. increased 1 min.
	8	47.54	4			13.96[3]			43.9[4]	Mer.	195	5	[3] R. A. increased 1 min. One of five threads rejected; R. A.=$14^{s}.76$.
	7	46.52	3			13.99			31.1	Mu.	29	42	
14604	11	46.46	3	16	58	17.04	31	46	....	Tr.	30	31	[4] If micrometer reading be assumed as 33.580 instead of 33.080 rev., as recorded, Decl.= 26″.7. AW gives 27″. Bo VI gives 28″.
14605	8	46.38	1	16	58	17.43	34	47	58.4	Mu.	14	82	
	7	46.38	1			17.44			58.7	Tr.	19	76	
14606	..	49.47	1	16	58	18.08	19	17	44.0	Mu.	259	24	
14607	8	47.45	1	16	58	18.07	27	29	44.6	Mu.	118	38	
	7	46.52	4			18.07[5]			46.4	Mu.	29	43	[5] One thread increased one thread interval.
	8	47.54	4			18.21[6]			44.6	Mer.	195	6	[6] R. A. increased 1 min. One of five threads rejected· R. A.=$17^{s}.18$.
14608	8	46.40	1	16	58	22.95	28	22	28.4	Mer.	22	38	
	8.9	47.40	5			23.26			29.1	Mer.	189	58	
	8.9	47.44	3			23.34			28.1	Mu.	117	87	
14609	8	46.39	1	16	58	23.78	39	7	51.0	Mu.	15	57	
14610	8	46.46	2	16	58	24.17	32	21	53.0	Mu.	25	29	
14611	7	46.40	4	16	58	26.91	36	26	7.7	Mu.	16	52	
14612	9	46.46	2	16	58	29.83	33	39	40.6	Mu.	22	60	
	9	46.46	1			30.16			39.1	Tr.	26	11	
14613	8	49.47	1	16	58	37.52	19	4	56.6	Mu.	259	25	
14614	9	48.55	2	16	58	37.92	25	15	13.4	Tr.	174	12	
	9.10	48.42	1			37.95			11.3	Mu.	167	67	
	7	47.46	2			38.07			11.0	Mu.	122	33	
	10	48.54	1			38.20			12.2	Tr.	172	5	
14615	7	47.31	2	16	58	44.27[7]	29	50	50.0	Mer.	96	42	[7] R. A. increased 5 sec.
	7	47.46	2			44.34			51.0	Tr.	122	37	
	7	46.54	3			44.34			50.8	Mu.	37	9	
	8	46.48	2			44.65			52.2[8]	Tr.	32	43	[8] Decl. changed one rev. south.
	8	47.44	2			44.75			43.8	Mer.	190	74	
14616	8	48.41	1	16	58	45.00	24	47	34.7	Mu.	166	22	
	7	48.43	1			45.53			37.0	Mu.	170	37	
14617	9	46.34	3	16	58	50.64	29	9	18.9[9]	Mer.	15	160	[9] Decl. interchanged with that of Mer. 15, No. 161.
	9	47.34	1			50.89			19.2	Tr.	117	27	
14618	8	46.34	3	16	58	52.14	29	9	40.3[10]	Mer.	15	161	[10] See note on No. 14617_1.
14619	10	49.46	3	16	58	53.38	23	15	15.9	Tr.	243	32	
14620	8	47.44	1	16	58	54.74	27	53	57.8	Mu.	117	88	
	8.9	46.46	5			54.83			55.4	Mer.	27	41	
	8	47.40	1			55.08[11]			59.2[12]	Mer.	189	59	[11] R. A. decreased one thread interval.
14621	10	47.29	1	16	58	57.81	28	42	....	Mer.	94	49	[12] Decl. changed one wire interval north.
	8	48.46	1			58.22			1.9	Mu.	173	36	
14622	8	47.46	1	16	58	57.83	29	46	54.8	Tr.	122	38	
	7	46.29	5			58.45			58.7	Mer.	9	19	
	..	47.31	1			58.47[13]			58.3	Mer.	96	43	[13] R. A. increased 5 sec.
	7	46.54	3			58.51[14]			54.3	Mu.	37	10	[14] R. A. decreased 1 min.
	8	47.44	1			58.75			56.6	Mer.	190	75	
14623	10	48.48	1	16	59	[3.46][15]	23	28	3.3	Mu.	175	57	[15] "Time of transit doubtful."
	9.10	48.49	1			5.43			....	Mer.	129	12	
	10	48.47	1			6.27			5.4	Mu.	174	65	
14624	5	47.46	1	16	59	12.79	30	11	54.5	Tr.	122	39	
	6	47.31	1			12.86			55.3	Mer.	96	44	
	7	47.47	2			12.89[16]			57.0	Tr.	123	37	[16] One of three threads rejected; R. A.=$16^{s}.29$.
	6	46.54	1			12.90			56.5	Mu.	37	11	
	7	47.44	2			12.92			57.5	Mer.	190	76	
	4.5	47.48	2			12.93			56.9	Tr.	124	41	
14625	9	47.34	2	16	59	17.58	26	38	2.6	Mer.	100	29	
	9	48.45	2			17.60			4.8	Tr.	165	27	
	9	48.49	3			17.63			1.3	Mu.	176	16	
	9	47.44	1			17.68			3.1	Tr.	121	47	
	9	47.34	1			17.68			4.5	Mu.	114	30	
	8.9	46.46	2			17.81			0.6	Mer.	28	7	
	9	47.46	1			18.20			7.1	Mer.	191	67	
14626	8	46.53	2	16	59	18. ..[17]	40	1	14.5	Mu.	34	19	[17] Separate threads give $17^{s}.83$, $19^{s}.01$.
	8.9	46.52	2			18.72			15.6	Mer.	38	3	
14627	10	48.48	1	16	59	19.93	23	23	26.4	Mu.	175	58	
	10	48.47	1			20.43			22.7	Mu.	174	66	
14628	8	47.44	1	16	59	24.28	28	0	56.1	Mu.	117	89	
	9	46.46	3			24.60			53.8	Mer.	27	42	
14629	8	46.42	2	16	59	24.85	27	26	20.5	Mer.	25	89	
14630	7	46.38	2	16	59	27.36	34	33	13.4	Tr.	19	77	
14631	9	48.48	..	16	59	29. ..	23	1	23.3	Mu.	175	59	
	10	49.46	2			29.88			23.0	Tr.	243	33	
	8	49.47	4			30.12			....	Mer.	184	64	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
14632	8	46.46	1	16	59	32.17	33	17	54.3[1]	Tr.	26	12	[1] Decl. changed one wire interval north.
	11	46.30	2			32.25			55.4	Tr.	15	58	
14633	8.9	49.47	2	16	59	40. . .[2]	20	0	53.5	Mu.	261	2	[2] Separate threads give $39^{s}.05$, $40^{s}.07$.
	8.9	49.46	4			40.19			56.1	Mu.	255	55	
	9	48.49	2			40.36			. . . .	Tr.	169	35	
14634	7	47.45	1	16	59	40.17	27	41	35.6	Mu.	118	39	
	7	46.52	2			40.53			34.2	Mu.	29	44	
	8.9	46.46	3			40.70			36.3	Mer.	27	43	
14635	8	46.42	1	16	59	42.72	31	28	44.6	Mu.	19	107	
14636	9	46.52	1	16	59	44.47	27	11	48.9	Tr.	36	44	
14637	7	47.31	1	16	59	47.72[3]	29	41	64.0	Mer.	96	45	[3] R. A. decreased two thread intervals.
	9	46.48	3			48.14			57.5	Tr.	32	44	
	8	47.32	1			48.81			61.6	Mer.	97	116	
14638	9	46.52	3	16	59	49.22	26	13	24.2	Mu.	31	33	
14639	9	48.47	1	16	59	50.45	23	47	31.2	Mu.	174	67	
	9.10	48.49	2			50.59			. . . .	Mer.	129	13	
	8	48.45	2			50.85			33.0	Mu.	171	3	
14640	10	47.29	1	17	0	15.86	29	1	. . . .	Mer.	94	50	
14641	8	51.57	5	17	0	18.38	19	28	53.6	Tr.	267	6	
	9	49.47	1			18.60			48.6	Mu.	259	26	
14642	8.9	46.34	5	17	0	19.77	43	17	44.5[4]	Mer.	14	17	[4] Decl. changed one rev. north. Gou gives 38″.
14643	8	47.48	2	17	0	23.25	25	20	32.6	Mu.	122	34	
	10	48.55	2			23.60			36.4	Tr.	174	13	
	9	48.43	1			23.61			. . . .[5]	Tr.	164	42	[5] Decl. changed one wire interval south.
14644	8	47.48	1	17	0	28.45	30	38	24.1	Tr.	124	42	
	8	46.42	2			28.95			22.7	Tr.	25	25	
	7	47.46	2			29.03			21.4	Mu.	120	76	
	8	47.40	1			29.17			19.8	Tr.	119	115	
	8	47.48	6			29.30			20.3	Mer.	192	71	
14645	7.8	46.46	7	17	0	32.10	41	30	7.6	Mer.	26	58	
	9	46.38	3			32.27			8.4	Mer.	19	36	
	9.10	46.30	6			32.40			11.5	Mer.	13	84	
14646	9.10	49.47	3	17	0	33.67	20	34	29.3	Mu.	258	19	
14647	9	46.46	2	17	0	37.37	33	38	43.9	Tr.	26	13	
	9	46.46	3			37.56			45.6	Mu.	22	61	
14648	9	46.46	2	17	0	40.47	32	25	28.9	Mu.	25	30	
14649	8	46.40	2	17	0	43.86	36	12	49.2	Mu.	16	53	
14650	10	47.40	1	17	0	44.64	30	46	22.2	Tr.	119	116	
	9	47.46	1			44.71			23.0	Mu.	120	77	
14651	7	47.45	1	17	0	45.75	27	34	28.4	Mu.	118	40	
	7.8	46.42	2			45.89			28.0	Mer.	25	90	
	7	46.52	3			46.09			26.1	Mu.	29	45	
	8	47.54	3			46.16			31.1	Mer.	195	7	
	9	47.47	2			46.31			29.0	Mer.	101	14	
14652	11	49.47	1	17	0	49.84[6]	21	35	46.7	Tr.	244	46	[6] AW gives $52^{s}.2$.
	. .	49.46	2			52.28			45.4	Mu.	256	99	
	10	49.51	1			52.61[7]			45.0	Mu.	265	6	[7] R. A. increased one thread interval.
14653	9	48.47	1	17	0	56.26	23	49	1.6	Mu.	174	68	
	9.10	48.49	1			56.39			. . . .	Mer.	129	14	
14654	9	46.46	4	17	1	3.04[8]	41	34	46.0	Mer.	26	59	[8] One of five threads rejected; R. A. = $2^{s}.09$.
14655	9	49.47	2	17	1	3.55	20	28	58.7	Mu.	258	20	
14656	7	46.42	2	17	1	4.93	31	21	58.8	Mu.	19	108	
14657	9.10	49.47	1	17	1	14.79	20	35	18.2	Mu.	258	21	
14658	9	48.41	2	17	1	15.51	26	2	51.8	Mer.	125	29	
	9	47.51	3			15.57			49.1	Mer.	194	4	
	9	48.42	2			15.71[9]			51.8	Mu.	167	68	[9] One thread increased 20 sec.
	8	46.52	3			15.75			51.8	Mu.	31	34	
	9	47.46	1			15.87			56.3	Mer.	191	68	
	8	47.34	1			16.05			50.5	Mu.	114	31	
14659	9	47.34	2	17	1	17. . .[10]	26	48	30.4	Mer.	100	30	[10] Separate threads give $18^{s}.04$, $16^{s}.84$.
	8	46.52	2			17.61			32.2	Tr.	36	45	
	9	47.44	2			17.67[11]			31.8	Tr.	121	48	[11] R. A. decreased 1 min.
	8	48.49	2			17.78			33.8	Mu.	176	17	
14660	5.6	46.52	7	17	1	25.11	43	2	5.7	Mer.	36	15	
	4	46.34	4			25.38			2.8	Mer.	14	18	
14661	6	52.46	5	17	1	25.40	19	14	. . . .	Tr.	280	1	
	6	51.57	5			25.52			26.0	Tr.	267	7	
	7.8	49.47	2			25.54			27.1	Mu.	259	27	
14662	9	46.46	2	17	1	26. . .[12]	34	3	0.8	Mu.	22	62	[12] Separate threads give $25^{s}.14$, $26^{s}.64$. GZ gives $27^{s}.0$.
14663	8	46.46	2	17	1	33.09	32	7	. . . .	Tr.	30	32	
	4	46.46	4			33.39			52.0	Mu.	25	31	
14664	9	46.52	1	17	1	34.24	26	15	25.2	Mu.	31	35	
	9	47.51	3			34.24			25.4[13]	Mer.	194	5	[13] Decl. changed five rev. north.
	8	47.34	1			34.38			28.9	Mu.	114	32	
	8	47.46	2			34.41			27.6	Mer.	191	69	
	9	48.45	3			34.48			26.4	Tr.	165	28	
14665	10	48.55	2	17	1	38. . .[14]	24	45	9.0	Tr.	174	14	[14] Separate threads give $38^{s}.39$, $39^{s}.34$.
	8	48.47	4			38.93			7.4	Tr.	168	49[15]	[15] "Double, second and brighter observed."
	8	48.41	1			38.98			9.8	Mu.	166	23	
14666	10	49.47	1	17	1	44.26	21	48	34.4	Mu.	257	33	
	10	49.47	2			44.49			38.9[16]	Tr.	245	32	[16] Decl. changed one wire interval north and one rev. south.
	9	51.46	5			44.69			34.2	Tr.	265	32	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
14667	7	46.26	4	17	1	55.05	39	18	39.9	Tr.	3	9	
	7	46.53	2			55.13			45.6	Tr.	43	2	
14668	4	46.46	2	17	1	58.68	38	37	51.0	Tr.	29	32	
	7	46.39	5			58.81			....	Tr.	21	21	
	7	46.39	4			58.90			45.9	Mu.	15	58	
14669	10	46.52	2	17	2	0.69[1]	34	49	0.5[2]	Tr.	39	1	[1] R. A. decreased one thread interval.
14670	9	46.46	1	17	2	1.66	38	13	0.5	Tr.	29	33	[2] Decl. changed one wire interval south.
14671	8	48.41	1	17	2	9.17	24	50	16.4	Mu.	166	24	
14672	8	46.46	1	17	2	9.49	33	25	7.1	Tr.	26	14	
	10	46.30	2			9.61			9.7	Tr.	15	59	
14673	8.9	49.47	1	17	2	9.82	20	27	23.1	Mu.	258	22	
	7.8	49.47	3			10.29			22.1	Mu.	261	3	
	8.9	49.46	2			10.42			23.8	Mu.	255	56	
14674	9	49.47	1	17	2	10.53	20	37	43.6	Mu.	258	23	
14675	9	48.41	2	17	2	16.00	25	48	6.6	Mer.	125	30	
	8	47.48	2			16.62			18.7[3]	Mu.	122	35	[3] If micrometer reading be assumed as 23.310 instead of 23.110 rev., as recorded, Decl. = 6″.1. GZ gives 5″.
14676	8	47.51	1	17	2	17.88[4]	26	30	34.0	Mer.	194	6	
	9	48.45	2			18.11			39.2	Tr.	165	29	
	7.8	47.34	3			18.20			33.7	Mu.	114	33	[4] R. A. decreased one thread interval.
	7	46.52	2			18.48			35.8	Mu.	31	36	
	8	47.46	1			19.22			37.5	Mer.	191	70	
14677	10	49.51	2	17	2	18.21	21	1	20.9	Mu.	265	7	
14678	9	47.44	2	17	2	18.77	30	14	30.3	Mer.	190	77	
	10	47.47	2			18.84			30.6	Tr.	123	38	
	8	47.31	2			19.23[5]			32.2	Mer.	96	46	[5] One of three threads rejected; R. A. = $19^{s}.95$.
	9	46.54	2			19.34			46.7	Mu.	37	12	
	9.10	47.46	1			19.79			28.3	Tr.	122	40	
14679	9	49.51	1	17	2	21.49	21	10	52.0	Mu.	265	8	
	10	49.47	2			21.56			45.7	Tr.	244	47	
14680	9	46.47	4	17	2	26.39[6]	29	16	46.7[7]	Mer.	30	1	[6] One of five threads rejected; R. A. = $25^{s}.61$.
14681	10	49.47	1	17	2	26.77	21	42	18.4	Mu.	257	34	[7] Decl. changed one rev. north.
14682	9	48.49	2	17	2	28.78	20	13	....	Tr.	169	36	
	7.8	49.47	2			28.80			55.1	Mu.	261	4	
	8.9	49.46	2			28.92			56.4	Mu.	255	57	
14683	9	46.42	1	17	2	32.28	30	34	57.5	Tr.	25	26	
	8	47.46	1			32.41			53.5	Mu.	120	78	
	9	47.40	1			32.44			53.5	Tr.	119	117	
	8	47.48	3			32.67			55.9	Mer.	192	72	
14684	10	49.47	1	17	2	32.28	21	58	29.2	Tr.	245	33	
14685	9	46.40	2	17	2	38.68	37	16	....	Tr.	22	27	
14686	9	47.31	1	17	2	43.86	30	18	5.8	Mer.	96	47	
	9	46.54	3			44.14			2.0	Mu.	37	13	
	9	47.44	1			44.58			1.1	Mer.	190	78	
	10.11	47.46	1			44.82			3.4	Tr.	122	41	
	9	47.46	1			45.11			0.0	Mu.	120	79	
14687	7.8	47.54	2	17	2	46.56	25	29	26.9	Mu.	123	1	
	9	48.43	2			46.58			....	Tr.	164	43	
	8	48.42	4			46.63			27.4	Mu.	167	69	
	7	47.48	1			46.72			21.4	Mu.	122	36	
	7	48.41	1			46.72			30.8	Mer.	125	31	
14688	9	46.46	1	17	2	47.41	33	44	22.8	Mu.	22	63	
14689	7.8	46.46	2	17	2	51.15	26	50	60.3	Mer.	28	8	
	6	47.44	2			51.23			55.0	Tr.	121	49	
	6.7	46.52	1			51.47			55.4	Tr.	36	46	
	4	48.49	2			51.76			57.6	Mu.	176	18	
14690	10	47.40	1	17	2	54.51	30	51	14.7	Tr.	119	118	
14691	8	46.46	4	17	2	55.75	37	45	52.9	Mu.	24	35	
14692	8.9	46.30	3	17	2	57.29	33	29	28.2	Tr.	15	60	
	8	46.46	1			57.47[8]			26.2	Tr.	26	15	[8] R. A. decreased one thread interval.
14693	7	48.55	1	17	3	0.93[9]	25	3	47.0	Tr.	174	15	[9] R. A. decreased 30 sec.
	7	48.41	2			1.28			50.4	Mu.	166	25	
14694	7	47.47	2	17	3	1.78	27	34	13.0	Mer.	101	15	
	6	47.45	3			1.80			16.9	Mu.	118	41	
	7	46.42	4			1.84			20.1	Mer.	25	91	
	4	46.52	4			1.98			16.5	Mu.	29	46	
	7.8	47.54	7			2.03			15.6	Mer.	195	8	
14695	9	48.42	2	17	3	5. . .[10]	25	27	49.7	Mu.	167	70	[10] Separate threads give $6^{s}.01$, $4^{s}.91$. AW gives $5^{s}.9$.
	8	47.48	1			5.59			47.2	Mu.	122	37	
	9	48.43	1			5.59			....	Tr.	164	44	
	8	48.41	1			5.72			56.5	Mer.	125	32	
14696	8.9	49.51	2	17	3	5.79	21	35	54.4	Mu.	265	9	
	9	49.47	2			5.98			57.8	Tr.	244	48	
	10	49.47	2			6.23			52.3	Mu.	257	35	
14697	11	49.46	1	17	3	11.08	22	58	25.0	Tr	243	34	
14698	8	46.46	2	17	3	13.75	32	15	....	Tr.	30	33	
	4	46.46	2			13.97[11]			1.3	Mu.	25	32	[11] Separate threads give $13^{s}.58$, $14^{s}.36$.
14699	8	48.49	1	17	3	16.04	26	49	50.4	Mu.	176	19	
	8	47.44	1			16.30			51.7	Tr.	121	50	
	8	46.52	1			16.31			50.8	Tr.	36	47	
	9	46.46	2			16.38			53.4	Mer.	28	9	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
14700	8.9	46.46	7	17	3	18.71	41	29	58.1	Mer.	26	60	
	9	46.30	5			18.85			59.9	Mer.	13	85	
14701	9	48.48	2	17	3	20. . .[1]	22	44	10.8	Mu.	175	60	[1] Separate threads give $20^{s}.34$, $19^{s}.29$.
	8	49.47	5			20.23			. . . .	Mer.	184	65	
	8.9	48.55	4			20.42			11.3	Mu.	181	25	
14702	7	46.46	1	17	3	24.76	32	26	1.1	Mu.	25	33	
14703	9	46.46	1	17	3	29.72	33	47	0.9[2]	Mu.	22	64	[2] Decl. changed one rev. south.
14704	. .	52.46	4	17	3	36.37	19	35	. . . .	Tr.	280	2	
14705	5	46.46	2	17	3	38.76	38	6	35.2	Tr.	29	34	
14706	8	46.46	1	17	3	38.85	33	9	14.5	Tr.	26	16	
14707	8	49.51	2	17	3	41.05	21	25	6.9	Mu.	265	10	
	7.8	49.47	2			41.08			11.1	Tr	244	49	
	8	49.53	3			41.73[3]			5.2	Mu.	266	1	[3] One of four threads rejected; R. A. = $40^{s}.98$.
14708	10	48.47	3	17	3	46.06	24	16	35.6	Tr.	168	50	
14709	9	48.55	1	17	3	47.49	24	59	12.3	Tr.	174	16	
	9	48.41	1			47.67			12.7	Mu.	166	26	
14710	10	47.54	1	17	3	56.30[4]	27	48	5.8	Mer.	195	9	[4] R. A. increased 30 sec.
	9	47.40	1			56.56			0.9[5]	Mer.	189	60	[5] Decl. changed one rev. north.
14711	9	46.46	3	17	3	57.41	41	17	16.9	Mer.	26	61	
14712	10	46.46	1	17	4	4.31	38	20	3.1	Tr.	29	35	
14713	6.7	46.53	2	17	4	4.33	39	34	57.3	Tr.	43	3	
	8	46.26	3			4.67			55.5	Tr.	3	10	
14714	7.8	47.48	1	17	4	6.17	25	50	32.8	Mu.	122	38	
14715	9	46.46	1	17	4	13.71	32	3	. . . .	Tr.	30	34	
14716	11	49.46	2	17	4	18.51	23	2	47.4	Tr.	243	35	
14717	10	48.45	1	17	4	19.71	23	41	11.5	Mu.	171	4	
	10	48.49	2			20.61			. . . .	Mer.	129	15	
14718	8.9	46.52	5	17	4	19.73	34	56	36.5	Mu.	33	1	
14719	10	48.49	2	17	4	25. . .[6]	20	24	. . . .	Tr.	169	37	[6] Separate threads give $25^{s}.89$, $24^{s}.56$. AW gives $25^{s}.4$.
	10	49.47	2			25.23			8.6	Mu.	258	24	
	10	48.50	1			25.43[7]			. . . .	Tr.	170	9	[7] R. A. decreased 1 min.
	10	49.47	3			25.44			9.2	Mu.	261	5	
14720	9	46.53	3	17	4	25.54	44	13	26.9	Mer	40	14	
14721	10	49.51	2	17	4	27.74[8]	20	58	56.5	Mu.	265	11	[8] Separate threads give $27^{s}.36$, $28^{s}.12$.
14722	8	46.52	3	17	4	34.29	34	37	34.3	Tr.	39	2	
14723	8	48.55	2	17	4	37.70[9]	23	52	2.6	Mer.	132	1	[9] One of three threads rejected; R. A. = $38^{s}.66$.
	10	48.49	1			38.27			. . . .	Mer.	129	16	
14724	8	47.54	2	17	4	38.16[10]	27	36	46.0	Mer.	195	10	[10] R. A. increased 1 min.
	6.7	47.45	3			38.20			48.4	Mu.	118	42	
	7	46.46	7			38.26			48.6	Mer.	27	44	
	4	46.52	4			38.39			47.8	Mu.	29	47	
	7	46.42	2			38.42			48.2	Mer.	25	92	
	8	47.47	2			38.98[11]			44.7	Mer.	101	16	[11] R. A. decreased 1 min.
14725	11	46.39	3	17	4	40.45[12]	38	45	. . . .	Tr.	21	22	[12] One of four threads rejected; R. A. = $41^{s}.51$.
	8	46.39	3			40.51			48.2[13]	Mu.	15	59	[13] Decl. changed five rev. south.
14726	9	46.39	7	17	4	45.68	40	49	14.3	Mer.	21	32	
14727	7	46.46	5	17	4	53.85	26	47	59.2	Mer.	28	10	
	6.7	46.52	3			53.89			55.5	Tr.	36	48	
	7	47.44	1			54.02			58.3	Tr.	121	51	
	5	48.49	2			54.09			52.0	Mu.	176	20	
14728	9	49.47	4	17	5	3.28	22	23	. . . .	Mer.	184	66	
	9	48.45	3			3.44			. . . .	Mer.	127	1	
14729	8	46.46	1	17	5	5.65	38	1	59.8	Mu.	24	36[14]	[14] "Too close to edge of field." Gou gives $7^{s}.8$, 57″.
14730	8.9	46.46	1	17	5	7.92	33	33	52.9	Mu.	22	65	
	9	46.47	2			8.39			52.3	Mu.	26	1	
14731	8.9	46.40	2	17	5	9.27	28	13	42.3	Mer.	22	39	
	8	47.40	3			9.34			43.1[15]	Mer.	189	61	[15] Decl. changed one wire interval north.
	8	47.44	4			9.42			41.2	Mu.	117	90	
14732	9	47.29	1	17	5	15.85	28	44	. . . .	Mer.	94	51	
14733	11	49.47	1	17	5	19.36	19	4	58.0	Mu.	259	28	
14734	4	46.46	3	17	5	21.66	38	23	55.2	Tr.	29	36	
14735	9	49.53	4	17	5	23.06	21	10	43.1	Mu.	266	2	
	10	49.47	2			23.08			39.4	Tr.	244	50	
	8.9	49.51	1			23.24			42.6	Mu.	265	12	
14736	8	46.42	3	17	5	23.70	31	8	51.0	Mu.	19	109	
	8	46.42	2			23.91			47.6	Tr.	25	27	
	9	47.40	1			23.95			51.4	Tr.	120	1[16]	[16] This star appears in Washington Observations for 1870, Appendix IV, as Tr. 119, No. 119.
14737	6	46.46	1	17	5	28.77	33	22	7.5	Tr.	26	17	
	6	46.30	2			28.92			7.7	Tr.	15	61	
14738	8	48.41	3	17	5	30.37	25	44	26.3	Mer.	125	33	
14739	8.9	46.53	7	17	5	38.79	42	9	42.4	Mer.	42	12	
14740	9	48.47	2	17	5	39.11[17]	23	52	49.4	Mu.	174	69	[17] One of three threads rejected; R. A. = $36^{s}.82$.
	9.10	48.49	2			39.18			. . . .	Mer.	129	17	
	7	48.45	2			39.36[18]			49.9	Mu.	171	5	[18] One thread increased 10 sec.
	7	48.55	2			39.61			51.7	Mer.	132	2	
14741	8	47.44	2	17	5	39. . .[19]	30	21	28.5[20]	Mer.	190	79	[19] Separate threads give $39^{s}.41$, $40^{s}.24$. AW gives $39^{s}.3$.
	8	47.46	5			39.41			26.7	Mu.	120	80	
	8	47.46	2			39.49			26.1	Tr.	122	42	[20] Decl. changed ten rev. north.
	9	47.47	3			39.52			29.9	Tr.	123	39	
	8	47.31	2			40.02[21]			30.0	Mer.	96	48	[21] One of three threads rejected; R. A. = $39^{s}.25$.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
14742	8.9	46.46	1	17	5	46.20	33	39	14.3	Mu.	22	67	
	9	46.47	2			47.04			16.0	Mu.	26	2	
14743	7	46.46	2	17	5	47.55[1]	32	30	40.2	Mu.	25	34	[1] One of three threads rejected; R. A. = 48ˢ.45.
14744	9	46.52	2	17	5	49.21	34	45	40.1	Mu.	33	2	
14745	10	48.47	2	17	5	49.59	24	32	54.0	Tr.	168	51	
14746	8	46.52	3	17	5	49.73	34	45	42.4	Tr.	39	3	
14747	9	47.44	2	17	5	54.05	30	5	15.4	Mer.	190	80	
	9	47.46	1			54.06			14.4	Tr.	122	43	
	9	47.31	1			54.18			16.9	Mer.	96	49	
	9	46.54	3			54.76			16.0	Mu.	37	14	
14748	7	46.52	2	17	5	54.33[2]	26	21	11.4	Mu.	31	37	[2] One of three threads rejected; R. A. = 55ˢ.38.
	..	47.46	2			54.64			....	Mer.	191	71	
	10	47.51	1			54.74			9.3	Mer.	194	7	
	8	48.45	2			54.83			6.4	Tr.	165	30	
	8.9	47.34	1			55.03			10.1	Mu.	114	34	
14749	9	46.46	1	17	5	55.44	38	9	36.8	Tr.	29	37	
14750	10	46.53	1	17	5	55.82	39	26	1.5	Tr.	43	4	
14751	7.8	47.45	2	17	5	57.48	27	47	25.8[3]	Mu.	118	43	[3] Decl. changed five rev. south.
	9	47.54	3			57.50			29.2	Mer.	195	11	
	8	46.42	3			57.65			35.8[4]	Mer.	25	93	[4] If micrometer reading be assumed as 39.96 instead of 39.66 rev., as recorded, Decl. = 25″.4.
	8.9	46.46	7			57.70			23.8	Mer.	27	45	
	8	46.52	2			57.71			24.0	Mu.	29	48	
14752	8.9	49.47	5	17	5	57.65	20	47	20.5[5]	Mu.	258	25	[5] Decl. changed one rev. north.
14753	10	49.47	1	17	5	58.22[6]	21	52	6.1	Mu.	257	36	[6] AW and CiZ give 60ˢ.3.
14754	7	46.30	2	17	5	59. ..[7]	33	33	35.1	Tr.	15	02	[7] Separate threads give 60ˢ.39, 59ˢ.42.
	7	46.46	1			59.39			33.1	Tr.	26	18	
	7	46.47	3			59.43			30.8	Mu.	26	3	
	8	46.46	3			59.45			31.5	Mu.	22	66	
14755	9	49.47	4	17	6	1.80	19	41	3.0	Mu.	261	6	
	9.10	49.46	5			2.27			1.4	Mu.	255	58	
14756	9	46.46	2	17	6	2.76	31	51	....	Tr.	30	35	
14757	5.6	46.52	3	17	6	7.77	26	22	34.8[8]	Mu.	31	38	[8] "The south star observed."
	7	47.34	2			7.86			34.6	Mu.	114	35	
14758	..	47.46	2	17	6	7.86	26	22	....	Mer.	191	72[9]	[9] Component not stated.
	7	48.45	2			7.90			33.9	Tr.	165	31[9]	
	6	47.51	3			8.22[10]			31.7	Mer.	194	8[9]	[10] One of four threads rejected; R. A. = 7ˢ.28.
14759	7	47.34	1	17	6	8.05	26	22	29.6	Mu.	114	36	
14760	8.9	49.51	2	17	6	9.14	21	11	30.2	Mu.	265	13	
	9	49.53	4			9.16			29.7	Mu.	266	3	
	9	49.47	1			9.26			26.7	Tr.	244	51	
14761	10	51.57	5	17	6	10.55	19	21	49.0	Tr.	267	8	
14762	7	47.47	2	17	6	16. ..[11]	30	1	55.3	Tr.	123	40	[11] Separate threads give 17ˢ.30, 16ˢ.39.
	6	46.54	2			16.70			54.8	Mu.	37	15	
	5	47.46	1			16.75			54.6	Tr.	122	44	
	6	47.31	2			16.90			52.9	Mer.	96	50	
	7	47.44	3			16.91			53.2	Mer.	190	81	
14763	9	46.47	7	17	6	18.42	29	1	4.3	Mer.	30	2	
14764	6.7	46.29	4	17	6	21.41	35	33	35.5	Tr.	12	26	
	7	46.47	1			21.71			36.6	Tr.	31	1	
14765	10.11	49.47	..	17	6	24. ..	20	5	40.7	Mu.	261	7	
	10	48.49	2			24.52			....	Tr.	169	38	
14766	10	48.55	1	17	6	31.50	24	48	41.4	Tr.	174	17	
14767	8	46.39	3	17	6	43.32	39	15	16.1	Mu.	15	60	
	7.8	46.53	1			43.45			19.0	Tr.	43	5	
14768	8	48.41	3	17	6	43.31	25	57	39.0	Mer.	125	34	
	10	48.43	2			43.34			....	Tr.	164	45	
14769	9	47.32	2	17	7	0.14	29	33	14.7	Mer.	97	117	
14770	9	47.51	1	17	7	0.50	26	19	24.8	Mer.	194	9	
	7	46.52	2			0.51			24.9	Mu.	31	39	
	7	47.34	1			0.56			24.4	Mu.	114	37	
14771	..	48.49	1	17	7	2.38	24	8	....	Mer.	129	18	
	9	48.55	2			3.23[12]			9.8	Mer.	132	3	[12] "Bad observation." One thread crossed off by observer gives 2ˢ.51.
14772	9	47.54	2	17	7	7.54[13]	27	23	8.3	Mer.	195	12	
	7	46.52	1			7.70			11.1	Mu.	29	49	[13] One of three threads rejected; R. A. = 6ˢ.75.
	8	46.52	2			7.74			10.4	Tr.	36	49	
	8	46.42	1			7.78			10.9	Mer.	25	94	
	8	46.40	2			7.80			10.9	Mer.	24	8	
	7	47.45	1			7.88			10.0	Mu.	118	44	
	10	47.47	1			8.06			7.0[14]	Mer.	101	17	[14] Decl. changed one wire interval south.
14773	10	48.47	1	17	7	11.52	24	48	25.9	Tr.	168	52	
14774	7	48.41	2	17	7	14.10[15]	25	7	50.7	Mu.	166	27	[15] One thread increased one thread interval.
	8	48.55	2			14.22			51.1	Tr.	174	18	
14775	9	46.34	3	17	7	14.31	43	24	21.4	Mer.	14	19	
14776	8	47.44	1	17	7	18.40	30	10	42.2	Mer.	190	82	
	7	46.54	2			18.93			41.1	Mu.	37	16	
	7	47.46	1			19.07			41.1	Tr.	122	45	
	7	47.31	1			19.38			42.7	Mer.	96	51	
14777	4	46.46	3	17	7	18.74	32	29	15.5	Mu.	25	35	
14778	8	46.52	2	17	7	20.37	35	22	35.1	Mu.	33	3	
14779	9	46.53	5	17	7	22.70[16]	42	43	35.5	Mer.	42	13	[16] One of six threads rejected; R. A. = 23ˢ.54.
	9	46.52	2			23.25			36.2	Mer.	36	16	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
14780	8.9	49.53	4	17	7	25.44	21	40	36.4	Mu.	266	4	
	9	49.47	2			25.54			32.3	Tr.	245	34	
	8	49.51	4			25.55			37.1	Mu.	265	14	
	9	49.47	1			25.55			40.8	Tr.	244	52	
	8	49.47	2			25.58			37.6	Mu.	257	37	
14781	10	46.40	4	17	7	25.92	37	5	....	Tr.	22	28	
14782	9	46.52	2	17	7	25.97	34	40	34.0	Tr.	39	4	
14783	9	46.47	1	17	7	26.40	35	21	52.8	Tr.	31	2	
	8	46.52	1			26.40			51.0	Mu.	33	4	
14784	8	47.46	1	17	7	28.90	30	35	35.6	Mu.	120	81	
	9	46.42	2			28.91			34.0	Tr.	25	28	
14785	9	46.46	2	17	7	34.52	31	53	....	Tr.	30	36	
14786	9	46.40	1	17	7	37.41	28	30	28.1	Mer.	22	40	
14787	9	49.47	2	17	7	38.97	19	9	50.9	Mu.	259	29	
14788	10	46.52	3	17	7	42.09	34	24	38.9	Tr.	39	5	
14789	9	46.52	1	17	7	44.02[1]	42	48	47.6	Mer.	36	18	[1] R. A. increased 10 sec.
14790	7	47.31	1	17	7	39.99	29	59	30.3	Mer.	96	52	
	7	46.54	2			45. . .[2]			32.0	Mu.	37	17	[2] Separate threads give $45^{s}.79$, $46^{s}.59$. AW and GZ give $46^{s}.3$.
	8	47.44	2			45.41			32.1	Mer.	190	83	
	7	47.46	1			46.24			31.4[3]	Tr.	122	46	[3] Decl. changed one wire interval south.
14791	8	46.52	1	17	7	46.18	35	3	11.3	Mu.	33	5	
14792	7	46.53	1	17	7	48.37	39	31	11.5	Tr.	43	6	
14793	5	46.46	2	17	7	50.75	37	59	35.0	Tr.	29	38	
	9	46.46	2			50.81			37.5	Mu.	24	37	
14794	9	47.46	1	17	7	52.11[4]	30	32	38.3	Mu.	120	82	[4] R. A. decreased one thread interval.
14795	9	46.46	1	17	7	52.71[5]	33	55	28.1	Mu.	22	68	[5] R. A. decreased 20 sec.
14796	7.9	48.47	2	17	7	58.39	24	38	35.3	Tr.	168	53	
	10	48.43	1			59.09			31.9	Mu.	170	38	
14797	9	46.53	4	17	8	2.81	42	43	21.3	Mer.	42	14	
	9	46.52	4			3.27			22.0	Mer.	36	17	
14798	9	47.54	2	17	8	3.22	27	35	46.5	Mer.	195	13	
	8.9	46.46	4			3.66[6]			44.6	Mer.	27	46	[6] One of five threads rejected; R. A.$=4^{s}.43$.
	8	46.42	2			3.71			55.2	Mer.	25	95	
	7.8	46.40	3			3.80			47.0	Mer.	24	9	
	7	46.52	2			3.91			45.7	Mu.	29	50	
	6	47.45	2			4.00			47.2	Mu.	118	45	
	10	47.47	1			4.56			46.9[7]	Mer.	101	18	[7] Decl. changed one wire interval south.
14799	9	46.46	1	17	8	5.68	34	3	13.2	Mu.	22	69	
14800	10	46.42	2	17	8	6.05	30	35	53.0	Tr.	25	29	
	8	47.46	1			6.87			51.3	Mu.	120	83	
14801	9	46.46	1	17	8	7.02	33	18	27.3	Tr.	26	19	
14802	10	46.53	1	17	8	10.63	39	22	22.5	Tr.	43	7	
14803	8.9	46.40	2	17	8	12.63	28	45	60.9	Mer.	22	41	
	10	47.34	1			12.87			55.2	Tr.	117	28	
	8.9	46.47	7			13.05			54.1[8]	Mer.	30	3	[8] Decl. changed ten rev. north.
	9	47.29	3			13.46[9]			....	Mer.	94	52	[9] One of four threads rejected; R. A.$=11^{s}.91$.
14804	9	47.51	3	17	8	20.49	26	27	32.2[10]	Mer.	194	10	[10] Decl. changed five rev. north.
	7	47.34	3			20.51			27.1	Mu.	114	38	
	8	48.45	3			20.54			28.5[11]	Tr.	165	32	[11] Decl. changed one rev. south.
	7	46.52	3			20.63			30.4	Mu.	31	40	
14805	9	46.53	1	17	8	27.76	39	20	51.6	Tr.	43	8	
14806	8	47.45	1	17	8	29.42	27	35	63.9	Mu.	118	46	
	8	46.40	1			29.53			65.2	Mer.	24	10	
	8	46.42	2			29.68			56.0[12]	Mer.	25	96	[12] If micrometer reading be assumed as 34.23 instead of 34.53 rev., as recorded, Decl.= 66″.4.
	8	46.46	4			29.74[13]			63.2[14]	Mer.	27	47	
	10	47.54	1			29.78			62.8	Mer.	195	14	
	8	46.52	1			29.83			64.2	Mu.	29	51	[13] One of five threads rejected; R. A.$=30^{s}.65$.
14807	7	46.46	2	17	8	34.71[15]	32	23	....	Tr.	30	37	[14] Decl. changed one wire interval north.
	4	46.46	4			34.72			3.1	Mu.	25	36	[15] R. A. decreased one thread interval.
14808	10	46.29	3	17	8	34.83[16]	35	55	7.6	Tr.	12	27	[16] R. A. decreased 1 min.
	8	46.40	3			34.92			1.4[17]	Mu.	16	54	[17] Decl. changed ten rev. north.
14809	9	46.46	2	17	8	35.22	32	9	25.3	Mu.	25	37	
14810	6	46.52	2	17	8	44.26	34	48	54.2	Mu.	33	6	
14811	9	47.29	1	17	8	44.89	28	56	....[18]	Mer.	94	53	[18] Decl. changed one rev. south.
14812	9	46.46	1	17	8	48.60	33	58	3.0	Mu.	22	70	
14813	9	48.41	3	17	8	48.73[19]	25	25	9.8[20]	Mer.	125	35	[19] One of four threads rejected; R. A.$=47^{s}.75$.
14814	8	47.46	1	17	8	49.67	29	42	20.8	Tr.	122	47	[20] Decl. changed one wire interval north.
	7	46.54	2			49.70			14.1	Mu.	37	18	
	7.8	46.29	7			49.76			21.5	Mer.	9	20	
	8	47.32	4			49.98			15.1	Mer.	97	118	
	8	47.44	1			50.00			21.1	Mer.	190	84	
14815	6	48.55	3	17	8	51.91[21]	24	6	66.0	Mer.	132	4	[21] "Double, took first."
	7	48.47	4			52.04			58.7	Mu.	174	70	
	3	48.45	1			52.54			65.6	Mu.	171	6	
14816	8.9	48.49	2	17	8	52.04	24	6	....	Mer.	129	19[22]	[22] Component not stated.
14817	9	48.47	3	17	8	51.95	24	6	55.0	Mu.	174	71	
14818	8	46.46	1	17	8	52.73	37	55	56.4	Tr.	29	39	
14819	8	47.32	1	17	8	53.78	29	47	52.8	Mer.	97	119	
	7.8	47.47	2			53.85			47.7[23]	Tr.	123	41	[23] Decl. changed one wire interval north.
14820	8	46.46	2	17	8	53.93	33	16	22.5	Tr.	26	21	
	9.10	46.30	1			54.20			21.2	Tr.	15	63	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
14821	9	48.47	2	17	8	57. . .[1]	23	54	6.4	Mu.	174	72	[1] One thread increased 10 sec. Separate threads give $57^s.05$, $58^s.24$.
	9	48.49	1			57.78			. . .	Mer.	129	20	
	5	48.45	1			57.79			6.1	Mu.	171	7	
14822	11	46.48	1	17	8	59.31	29	23	16.1	Tr.	32	45	
14823	10	49.47	2	17	9	0.11	20	17	47.4	Mu.	258	26	
14824	9	46.46	7	17	9	0.92	41	42	19.4	Mer.	26	62	
14825	9	46.46	1	17	9	5.09	37	11	32.3	Mu.	24	38	
	9	46.40	3			5.21			. . . .	Tr.	22	29	
14826	8	47.46	1	17	9	20.55	30	56	47.1	Mu.	120	85	
	8	46.42	1			20.85			41.6	Tr.	25	30	
	8	46.42	1			21.08			. . . .	Tr.	25	31	
	9	49.54	2			21.10			42.1	Mu.	267	2	
14827	8	47.46	1	17	9	20.94	31	1	12.8	Mu.	120	84	
	9	49.54	3			21.26			13.9	Mu.	267	1	
14828	6	46.42	3	17	9	36.37	31	11	42.8	Mu.	19	110	
	8	49.54	1			36.50			42.2	Mu.	267	3	
14829	11	48.55	1	17	9	37.96	25	0	40.9	Tr.	174	19	
14830	10	49.53	1	17	9	40.16	21	25	24.3	Mu.	266	5	
	10	49.47	1			40.53			20.1	Tr.	244	53	
	10	49.51	3			40.59			23.2	Mu.	265	15	
14831	9.10	48.45	1	17	9	51.58	22	32	. . . .	Mer.	127	2	
	10	49.47	2			52.09			. . . .[2]	Mer.	184	67	[2] Decl. changed one wire interval south.
14832	10	49.46	2	17	9	53.34	20	11	51.8	Mu.	255	59	
	10	49.47	1			53.49			52.9	Mu.	261	8	
	10	48.49	2			53.61			. . . .[3]	Tr.	169	39	[3] Decl. changed two rev. south.
14833	9.10	49.47	2	17	9	53.65	20	28	35.1[4]	Mu.	258	27	[4] Decl. changed one rev. north.
14834	9.10	49.46	2	17	9	57.90	20	20	3.5	Mu.	255	60	
	10	49.47	2			58.20			3.4	Mu.	261	9	
	9.10	49.47	1			59.10			2.9	Mu.	258	28	
14835	9	47.44	1	17	9	58.41	28	21	2.6	Mu.	117	91	
14836	8	47.32	1	17	9	59.07	29	7	48.4	Mer.	97	120	
	8.9	46.47	4			59.54			49.0	Mer.	30	4	
14837	11	49.47	2	17	9	59.30	19	5	12.8	Mu.	259	30	
14838	10	48.43	1	17	10	3.71	24	20	10.7	Mu.	170	39	
	10	48.47	2			4.03			12.3	Tr.	168	54	
14839	9	46.53	3	17	10	6.75	42	29	54.8	Mer.	42	15	
14840	9.10	49.47	1	17	10	7.84	20	24	14.4	Mu.	258	29	
	10	49.46	1			7.88			15.4	Mu.	255	61	
	10	49.47	1			8.20			16.7	Mu.	261	10	
14841	9	46.46	1	17	10	7.98	38	31	37.3	Tr.	29	40	
14842	8.9	46.52	1	17	10	9.77	40	24	15.7	Mer.	38	4	
14843	9	47.44	3	17	10	24.35	30	15	56.6	Mer.	190	85	
14844	11	49.46	2	17	10	26.77	22	49	40.2	Tr.	243	36	
14845	8	46.46	1	17	10	27.96	32	42	33.1	Mu.	25	38	
14846	9	46.46	1	17	10	28.21	37	51	35.1	Mu.	24	39	
14847	9	51.57	5	17	10	28.31	19	23	44.5	Tr.	267	9	
	11	52.46	5			28.34			. . . .	Tr.	280	3	
14848	9	46.46	1	17	10	32.90	38	29	34.1	Tr.	29	41	
14849	9	48.41	3	17	10	33.55	25	51	60.8	Mer.	125	36	
	10	48.43	3			33.70			. . . .	Tr.	164	46	
	8.9	47.54	2			33.88			58.6[5]	Mu.	123	2	[5] Decl. changed five rev. south.
14850	9	46.46	5	17	10	37.22	41	23	53.7	Mer.	26	63	
14851	9	46.52	3	17	10	41.51	26	26	48.9	Mu.	31	41	
	8	47.34	1			42.06			40.1	Mu.	114	39	
	9	48.45	2			42.11			44.8	Tr.	165	33	
	9	47.51	4			42.12[6]			49.3	Mer.	194	11	[6] R. A. decreased 30 sec.
14852	9	47.54	2	17	10	42.95	27	36	41.2	Mer.	195	15	
	8	46.42	1			43.29			39.3	Mer.	25	97	
	8	46.40	3			43.39			40.8	Mer.	24	11	
	7.8	47.45	3			43.45			39.3	Mu.	118	47	
	8	46.52	1			43.98			39.5	Mu.	29	52	
14853	8	47.44	2	17	10	45.98	27	55	56.3[7]	Mu.	117	92	[7] Decl. changed five rev. north.
	8	46.60	1			46.07			. . . .	Tr.	51	1	
	8	47.45	1			46.13			59.8	Mu.	118	48	
	9	46.46	6			46.21			57.1	Mer.	27	48	
14854	8	47.29	1	17	10	56.08[8]	29	12	. . . .[9]	Mer.	94	54	[8] R. A. decreased 1 min. and increased 10 sec. [9] Decl. changed one rev. south.
	7	46.48	3			56.31[10]			12.7	Mu.	27	40	[10] R. A. decreased 2 min.
	7	47.34	1			56.35			15.2	Tr.	117	29	
	7	46.48	2			56.38			13.2	Tr.	32	46	
	7	47.32	2			56.39			11.2	Mer.	97	121	
	7.8	46.29	5			56.53			15.5	Mer.	9	21	
	7	46.47	4			56.73			13.6	Mer.	30	5	
14855	10	49.51	2	17	10	59.65	21	22	13.5	Mu.	265	16	
14856	11	52.46	4	17	11	1.04[11]	19	31	. . . .	Tr.	280	4	[11] One of five threads rejected; R. A.=$0^s.56$.
14857	8	47.32	1	17	11	1.39	29	7	30.0	Mer.	97	122	
	9	46.47	4			1.40			29.7[12]	Mer.	30	6	[12] Decl. changed one wire interval north.
	9	47.34	1			1.52			29.3	Tr.	117	30	
	9	47.29	1			3.08[13]			. . . .[14]	Mer.	94	55	[13] R. A. increased one thread interval and decreased 1 min.
14858	6	51.57	5	17	11	5.09	19	32	34.3	Tr.	267	10	
	. .	52.46	5			5.29			. . . .	Tr.	280	5	[14] Decl changed one rev. south.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
14859	9	49.47	1	17	11	8.27	19	49	8.4	Mu.	261	11	
	9	49.46	1			8.86			8.5	Mu.	255	62	
	9	48.49	1			8.97			....	Tr.	169	40	
14860	11	46.46	2	17	11	9.11	31	59	....	Tr.	30	38	
14861	8	46.46	3	17	11	9.44	32	40	8.8	Mu.	25	39	
14862	8	47.51	2	17	11	11.71	26	23	23.3	Mer.	194	12	
	8	48.45	3			11.87			23.3	Tr.	165	34	
	7	46.52	2			11.90			22.2	Mu.	31	42	
	7	47.34	2			12.12			23.0	Mu.	114	40	
14863	8.9	46.53	5	17	11	18.57	42	1	31.8	Mer.	42	16	
14864	10.11	49.51	1	17	11	23.34	21	25	44.5	Mu.	265	17	
14865	8	46.52	3	17	11	28.47[1]	34	11	57.9	Tr.	39	6	[1] Minute assumed.
14866	7.8	46.42	2	17	11	32.07	27	11	4.7	Mer.	25	98	
	8	46.52	1			32.21			1.0	Tr.	36	50	
	8	46.52	2			32.36[2]			2.2	Mu.	29	53	[2] One thread decreased one thread interval.
	9	47.44	2			32.39			0.6	Tr.	121	52	
	7	48.49	2			32.44			3.3	Mu.	176	21	
	8	46.46	2			32.48			1.4	Mer.	28	11	
	8	47.54	1			32.60			8.1	Mer.	195	17	
	8	46.40	1			32.63			6.3	Mer.	24	12	
14867	10	48.45	1	17	11	32.54	24	6	45.9	Mu.	171	8	
	8	48.55	4			32.95			45.8	Mer.	132	5	
	9.10	48.49	4			33.05			....	Mer.	129	21	
14868	10	46.42	1	17	11	33.76	30	57	48.2	Tr.	25	32	
14869	7.8	46.39	7	17	11	40.48	40	57	50.8	Mer.	21	33	
	8	46.30	5			40.99[3]			48.2	Mer.	13	86	[3] One of six threads rejected; R. A.=40ˢ.14.
14870	6	47.44	1	17	11	42.05	27	15	40.1	Tr.	121	53	
	8	46.46	3			42.58			37.5	Mer.	28	12	
	7.8	46.40	1			42.64			43.6	Mer.	24	13	
	8	47.54	1			42.69			43.0	Mer.	195	16	
	8	47.34	2			42.70[4]			39.0	Mer.	100	31	[4] R. A. increased 10 sec. to agree with CPD−27°5627. One of three threads rejected; R. A.=41ˢ.82. Identification doubtful. May be CPD−27°5625 if changed eight rev. north.
	7	46.52	1			42.76			38.3	Tr.	36	51	
	8	47.47	2			42.85			38.2	Mer.	101	19	
	5	48.49	1			43.04			38.5	Mu.	176	22	
	7	46.52	1			43.15[5]			37.5	Mu.	29	54	
14871	11	48.55	2	17	11	42.81	24	48	51.2	Tr.	174	20	[5] Minute assumed.
14872	7	46.42	3	17	11	43.76	31	25	23.2	Mu.	19	111	
	8.9	49.54	3			44.04			24.8	Mu.	267	4	
14873	8.7	49.47	3	17	11	46.15	19	10	9.4	Mu.	259	31	
14874	8	46.46	5	17	11	46.81	41	35	22.7	Mer.	26	64	
14875	9	46.52	4	17	11	47.06	35	11	24.8	Mu.	33	7	
14876	9	48.47	2	17	11	55...[6]	24	31	31.8	Tr.	168	55	[6] Separate threads give 55ˢ.50, 57ˢ.68. AW gives 55ˢ.6.
14877	10	48.54	2	17	11	59.55	23	0	....	Mer.	131	1	
	10	49.46	2			59.85			19.0	Tr.	243	37	
14878	5.6	49.47	3	17	12	0.96	20	56	52.1	Tr.	244	54	
	5	49.47	3			1.05			47.6	Mu.	258	30	
	6.7	49.53	5			1.13			46.7	Mu.	266	6	
14879	10	49.51	1	17	12	3.62	21	13	58.2	Mu.	265	18	
14880	9	47.51	2	17	12	5...[7]	26	16	41.7	Mer.	194	13	[7] Separate threads give 5ˢ.34, 6ˢ.29.
	7	46.52	3			5.96			41.0	Mu.	31	44	
	7.8	47.34	1			5.97			40.7	Mu.	114	42	
14881	8	48.45	1	17	12	7.14	26	20	33.6	Tr.	165	35	
	7	47.34	1			7.25			35.2	Mu.	114	41	
	9	46.52	2			7.42			35.0	Mu.	31	43	
	9	47.51	1			7.49			37.4	Mer.	194	14	
14882	8	46.46	1	17	12	7.71	33	15	30.9	Tr.	26	22	
	10	46.30	1			7.77			31.5	Tr.	15	64	
14883	10	49.47	2	17	12	9.98	20	18	38.3	Mu.	261	12	
14884	10	49.47	3	17	12	12.68	20	19	42.5	Mu.	261	13	
14885	10	49.53	1	17	12	23.64	21	23	58.9	Mu.	266	7	
	11	49.47	1			23.95			62.0	Tr.	244	55	
	10	49.51	1			24.31[8]			58.3	Mu.	265	19	[8] R. A. decreased one thread interval.
14886	9	46.40	4	17	12	25.02	36	21	33.7	Mu.	16	55	
14887	8	46.46	5	17	12	25.75	37	39	1.9	Mu.	24	40	
14888	7	46.46	2	17	12	26.33	38	2	55.2	Tr.	29	42	
14889	9.10	48.45	2	17	12	27.00[9]	22	46	....	Mer.	127	3	[9] One of three threads rejected; R. A.=28ˢ.07.
	9	48.55	2			27.62			7.2	Mu.	181	26	
	7	49.47	3			27.81			....	Mer.	184	69	
	9	48.48	1			27.99			9.2	Mu.	175	61	
14890	7	48.41	2	17	12	29.87	24	44	55.4	Mu.	166	28	
	7	48.43	2			30.26			54.2	Mu.	170	40	
14891	10	49.54	1	17	12	31.68	31	30	5.0	Mu.	267	6	
14892	8	47.31	3	17	12	32.37	30	20	45.1	Mer.	96	53	
	7	47.46	4			32.40			46.0	Mu.	120	86	
	7	47.46	2			32.61			45.8	Tr.	122	48	
	8	47.44	4			32.88			46.5[10]	Mer.	190	86	[10] Decl. changed one wire interval south.
14893	9	46.52	2	17	12	33.47	35	13	29.9	Mu.	33	8	
14894	7.8	46.29	3	17	12	33.72[11]	35	45	38.2	Tr.	12	28	[11] One of four threads rejected; R. A.=33ˢ.00.
	6	46.47	3			33.82			39.6	Tr.	31	3	
14895	7	46.42	1	17	12	33.76	31	25	50.3	Mu.	19	112	
	8.9	49.54	2			34.05			51.0	Mu.	267	5	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
14896	8	46.42	2	17	12	41.76	31	8	31.8	Tr.	25	33	
14897	10	48.49	1	17	12	45.28	20	5	....	Tr.	169	41	
14898	9	48.45	2	17	12	45.36	22	35	....	Mer.	127	4	
	7	49.47	1			45.67			....	Mer.	184	70	
	8.9	48.55	5			45.71			37.2[1]	Mu.	181	27	[1] Decl. changed one rev. south.
14899	2	48.55	2	17	12	47.99	24	50	40.9	Tr.	174	21	
	3	48.41	2			48.04			39.2	Mu.	166	29	
14900	9	47.47	2	17	12	48.33	30	2	48.8	Tr.	123	42	
	8	47.31	3			48.45[2]			49.0	Mer.	96	54	[2] One of four threads rejected; R. A.=$49^s.17$.
	8	47.44	2			48.47[3]			49.0	Mer.	190	87	[3] R. A. increased 1 min.
	10.9	47.46	1			49.10			44.9	Tr.	122	49	
14901	8.9	47.44	3	17	12	51.06	27	50	53.8	Mu.	117	93	
	8	47.45	2			51.35			48.6	Mu.	118	49	
	7	46.60	2			51.43			....	Tr.	51	2	
	8.9	46.46	7			51.49			52.8	Mer.	27	49	
14902	8.9	46.52	3	17	12	56.19	39	58	28.1	Mer.	38	5	
14903	9	49.47	2	•17	12	56.76	20	24	55.5	Mu.	258	31	
14904	9	48.48	2	17	12	59. . .[4]	23	25	11.9	Mu.	175	62	[4] Separate threads give $58^s.90$, $59^s.76$. Gou gives $59^s.7$.
	9	48.47	2			59.40[5]			10.0	Mu.	174	73	
	9.10	48.54	3			59.60			....	Mer.	131	2	[5] One of three threads rejected; R. A.=$60^s.34$.
	9.10	49.46	2			59.73			11.0	Tr.	243	38	
	9	48.45	1			59.92			13.1	Mu.	171	9	
	8	48.55	5			59.92			7.2	Mer.	132	6	
	9	48.49	2			60.29			....	Mer.	129	22	
14905	9	46.46	1	17	12	59.73[6]	33	39	53.6	Mu.	22	71	[6] R. A. decreased 1 min. One of two threads rejected; R. A.=$13^m\ 21^s.31$.
14906	9	47.46	1	17	13	4.28	26	3	35.4	Mer.	191	73	
	7	46.52	1			4.67			32.0	Mu.	31	45	
	9	48.43	2			4.86			....	Tr.	164	47	
	8	47.34	1			4.97			36.0	Mu.	114	43	
	7	48.41	3			5.09			36.1	Mer.	125	37	
	7	47.54	4			5.15			35.6	Mu.	123	3	
14907	9	48.47	2	17	13	5. . .[7]	24	48	4.3	Tr.	168	56	[7] Separate threads give $5^s.39$, $4^s.59$. Bo VI gives $5^s.4$.
14908	10	49.51	1	17	13	5.23[8]	21	8	23.9	Mu.	265	20	
14909	9.10	49.47	1	17	13	8.54	20	35	16.5	Mu.	258	32	[8] R. A. decreased one thread interval.
14910	11	46.30	1	17	13	8.88	33	3	15.1	Tr.	15	65	
14911	9.10	46.53	2	17	13	20.99	44	0	43.9	Mer.	40	15	
14912	9	46.34	5	17	13	21.55	43	39	17.7	Mer.	14	20	
14913	7.8	47.45	1	17	13	21.81	27	31	23.8	Mu.	118	50	
	9	47.54	1			21.86			27.0[9]	Mer.	195	18	[9] Decl. changed one wire interval north.
	8.9	46.40	2			22.08			25.8	Mer.	24	14	
14914	9	46.46	3	17	13	24.99[10]	33	40	5.0	Mu.	22	72	[10] R. A. decreased 1 min.
	8	46.46	1			25.15			6.5	Tr.	26	23	
14915	11	46.46	2	17	13	28.45	32	1	....	Tr.	30	39	
14916	9	48.41	2	17	13	31.30	25	24	20.3	Mer.	125	38	
14917	10	49.54	1	17	13	32.12	31	20	21.2	Mu.	267	7	
14918	10	46.52	2	17	13	33.18	34	20	33.8	Tr.	39	7	
14919	8	48.41	1	17	13	36.80	25	35	53.4	Mer.	125	39	
14920	9.8	49.47	1	17	13	43.32	19	27	31.5	Mu.	259	32	
	7	51.57	5			43.57			33.5	Tr.	267	11	
	7	52.46	5			43.72			....	Tr.	280	6	
14921	8.9	49.47	2	17	13	48.54	20	4	29.4	Mu.	261	14	
	10	48.49	1			49.05			....	Tr.	169	42	
14922	8.9	49.54	2	17	13	49.51	31	32	57.0	Mu.	267	8	
	8	46.42	2			50.06			55.5	Mu.	19	113	
14923	8	47.47	1	17	13	55.19	27	59	25.9	Mer.	101	20	
	4	47.44	3			55.25			29.6	Mu.	117	94	
	5	46.60	3			55.34			....	Tr.	51	3	
	6.7	46.46	7			55.40			30.1	Mer.	27	50	
	3	47.45	2			55.69			31.3	Mu.	118	51	
14924	7	48.41	1	17	13	56.37	24	56	50.0	Mu.	166	30	
	9	48.55	2			56.81			45.7	Tr.	174	22	
14925	8	47.46	1	17	13	59.94	30	54	47.9	Mu.	120	87	
	10	46.42	1			60.46			49.0	Tr.	25	34	
14926	8.9	49.47	2	17	14	3.09	20	3	51.0	Mu.	261	15	
	10	48.49	1			3.46			....	Tr.	169	43	
14927	9	46.47	7	17	14	3.94	29	5	50.2	Mer.	30	7	
14928	8	48.48	3	17	14	8.47	22	51	34.0	Mu.	175	63	
	8	48.55	3			8.65			32.3	Mu.	181	28	
	9	48.45	2			8.65			....	Mer.	127	5	
	8.9	49.46	2			8.75			33.6	Tr.	243	39	
	7	49.47	3			8.79			....	Mer.	184	71	
14929	7	46.52	2	17	14	11.09	34	38	33.2[11]	Tr.	39	8	[11] Decl. changed one wire interval south.
	7	46.52	4			11.20[12]			30.2	Mu.	33	9	[12] R. A. decreased 1 min.
14930	8	46.46	6	17	14	15.52[13]	41	21	15.3	Mer.	26	65	[13] Four threads decreased 10 sec. each.
	9	46.30	6			15.63			16.1	Mer.	13	87	
14931	7	46.54	2	17	14	20. . .[14]	29	40	13.4	Mu.	37	19	[14] Separate threads give $19^s.51$, $20^s.90$. Gou gives $20^s.3$.
	8	47.44	2			20.05			17.0	Mer.	190	88	
	9	47.46	1			20.19			12.8	Tr.	122	50	
	9	46.48	3			20.21			20.4	Tr.	32	47	
	7	46.29	3			20.66			20.2	Mer.	9	22	
	7	47.32	2			20.66			16.2	Mer.	97	123	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
14932	6	51.57	5	17	14	25.78	19	17	55.2	Tr.	267	12	
	10	52.46	5			25.79			....	Tr.	280	7	
	9	49.47	2			26.06			57.4	Mu.	259	33	
14933	9	46.52	1	17	14	26.26	27	16	44.6	Tr.	36	52	
14934	9	46.30	1	17	14	32.69	33	4	48.0	Tr.	15	66	
	8	46.46	1			32.71			48.7	Tr.	26	24	
14935	10	46.46	2	17	14	33.30	31	50	....	Tr.	30	40	
14936	8	46.40	3	17	14	37.06	36	18	45.9	Mu.	16	56	
14937	9	49.47	2	17	14	37.25	21	33	60.7	Tr.	244	56	
	9	49.47	2			37.55			57.2	Mu.	257	38	
	9	49.53	4			37.61			58.1	Mu.	266	8	
	8	49.51	3			37.63			58.0	Mu.	265	21	
14938	10	48.45	2	17	14	45.01	26	4	34.3	Tr.	165	36	
	9	47.46	1			45.23			36.0	Mer.	191	74	
14939	8	47.44	2	17	14	45. . .[1]	29	43	24.9	Mer.	190	89	[1] Separate threads give $46^{s}.01$, $44^{s}.45$. Gou gives $45^{s}.8$.
	7	47.32	3			45.04			28.2	Mer.	97	124	
	7	46.54	1			45.57[2]			20.8	Mu.	37	20	[2] R. A. decreased one thread interval.
	8	47.31	1			45.68			23.4	Mer.	96	55	
	8	47.46	1			45.96			22.3	Tr.	122	51	
14940	9	49.47	1	17	14	48.91	21	29	39.0	Tr.	244	57	
	9	49.47	1			49.25			37.6	Mu.	257	39	
	8.9	49.51	3			49.45			37.8	Mu.	265	22	
	9.10	49.53	3			49.48			38.8	Mu.	266	9	
14941	8	47.46	1	17	14	50.87	30	22	55.4	Mu.	120	88	
	9	47.47	3			50.89			54.4	Tr.	123	43	
14942	9	47.34	1	17	14	54.61	28	30	24.0	Tr.	117	31	
	8	46.60	1			54.67			....	Tr.	51	4	
	8	46.40	3			54.71			28.3	Mer.	22	42	
	9	47.29	4			54.72			....	Mer.	94	56	
	8	47.44	1			54.84			23.7	Mu.	117	95	
	8	46.48	3			54.99			24.1	Mu.	27	41	
14943	8	48.47	4	17	14	55.49	23	41	49.5	Mu.	174	74	
	9	48.49	3			55.54			....	Mer.	129	23	
	4	48.45	1			55.71			49.9	Mu.	171	10	
	8	48.55	4			55.80[3]			49.8	Mer.	132	7	[3] One of five threads rejected; R. A. $=55^{s}.07$.
14944	9	46.46	2	17	15	1.40	41	11	41.6	Mer.	26	66	
14945	6	46.52	1	17	15	5.61	34	33	3.1[4]	Tr.	39	9	[4] Decl. changed one rev. south.
14946	9	46.46	3	17	15	10.43	28	13	32.9	Mer.	27	51	
14947	10	46.52	1	17	15	13.85	26	46	44.7	Tr.	36	53	
	9	47.44	1			14.03			45.5	Tr.	121	54	
	9	48.49	1			14.36			46.4	Mu.	176	23	
14948	10	48.45	1	17	15	19.50	22	39	....	Mer.	127	6	
	9.10	48.55	3			19.75			18.6	Mu.	181	29	
	7	49.47	3			19.75			....	Mer.	184	72	
14949	9	46.46	1	17	15	23.52	34	6	17.6	Mu.	22	73	
	8	46.47	3			23.76			19.6	Mu.	26	4	
14950	8.9	46.39	6	17	15	29.21	40	36	56.9	Mer.	21	34	
	8	46.52	4			29.53			58.9	Mer.	38	6	
14951	8	46.47	7	17	15	37.04	28	47	12.2	Mer.	30	8	
	8	46.40	2			37.11[5]			15.6	Mer.	22	43	[5] R. A. decreased 1 min.
	8	47.29	3			37.20			....	Mer.	94	57	
14952	9	46.47	2	17	15	39.23	35	36	45.9	Tr.	31	4	
	10	46.29	2			39.35			45.7	Tr.	12	29	
14953	9	48.47	3	17	15	42.97	23	46	55.7	Mu.	174	75	
	7	48.45	1			43.11			58.2	Mu.	171	11	
	10	48.49	3			43.31			....	Mer.	129	24	
	9	48.55	2			43.48			55.0[6]	Mer.	132	8	[6] Decl. changed two rev. south.
14954	7.8	49.53	1	17	15	43.54	21	17	46.2	Mu.	266	10	
	6.7	49.51	2			43.74			45.3	Mu.	265	23	
	7	49.47	1			43.81[7]			47.5	Tr.	244	58	[7] R. A. decreased 1 min.
14955	10	49.47	2	17	15	48.02	20	17	32.4[8]	Mu.	261	16	[8] Decl. changed five rev. north.
	10	49.47	1			48.31			32.5	Mu.	258	33	
14956	9	46.46	3	17	15	53.32	37	28	7.7	Mu.	24	41	
14957	7	48.47	4	17	15	56.31	24	6	3.7	Tr.	168	57	
14958	7	47.32	1	17	15	56.52	29	31	43.7[9]	Mer.	97	125	[9] Decl. changed one rev. nortn.
	7	46.48	2			56.67			30.1[10]	Tr	32	48	[10] Micrometer record 12 rev. assumed as 12.0 rev.
14959	8	48.43	2	17	16	0.04	24	27	42.8	Mu.	170	41	
14960	8	48.41	3	17	16	0.22	26	0	6.9	Mer.	125	40	
14961	8	47.46	1	17	16	3.23	30	34	48.6	Mu.	120	89	
14962	9	46.46	3	17	16	16.36	32	44	52.1	Mu.	25	40	
14963	11	48.49	1	17	16	17.15	19	57	....	Tr.	169	44	
	10	49.47	1			17.35			49.4[11]	Mu.	261	17	[11] Decl. changed one rev. south.
14964	6	46.46	2	17	16	17.90	38	11	17.6	Tr.	29	43	
14965	9	46.40	2	17	16	19.19	36	58	....	Tr.	22	30	
14966	8	46.52	1	17	16	22.30	26	51	0.8	Tr.	36	54	
	9	47.44	1			22.36			2.5	Tr.	121	55	
14967	9	47.44	1	17	16	22.41	28	30	37.5	Mu.	117	96	
14968	10	49.54	3	17	16	33.56	31	30	3.3	Mu.	267	9	
14969	9	49.53	2	17	16	37.53	21	29	20.9	Mu.	266	11	
	9	49.47	1			37.57			20.1[12]	Mu.	257	40	[12] Decl. changed three rev. south.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
14970	9	49.47	2	17	16	37.60	19	35	56.7	Mu.	259	34	
	7	51.57	5			37.68			55.0	Tr.	267	13	
	10	52.46	5			38.03			....	Tr.	280	8	
14971	7.8	46.40	1	17	16	39.88	28	23	54.9	Mer.	22	44	
	7	47.44	1			40.09			55.2	Mu.	117	97	
	8	46.48	2			40.18[1]			54.9	Mu.	27	42	[1] One of three threads rejected; R. A.=38^{s}.95.
	7	47.40	2			40.29			58.5	Mer.	189	62	
14972	9	47.47	3	17	16	41.82	27	27	28.1[2]	Mer.	101	21	[2] Decl. changed one wire interval north.
	8	47.54	3			41.85			26.7	Mer.	195	19	
	6	47.45	5			41.86			28.3	Mu.	118	52	
	8	46.40	5			41.89[3]			29.0	Mer.	24	15	[3] One of six threads rejected; R. A.=42^{s}.62.
	8	46.42	3			41.99			25.6	Mer.	25	99	
	7.8	46.60	5			42.03			28.1	Mu.	41	1	
	7	46.52	4			42.04			27.9	Mu.	29	55	
14973	8	46.34	5	17	16	44.72	43	24	1.5	Mer.	14	21	
14974	8	46.46	3	17	16	46.26	32	49	32.6	Mu.	25	41	
14975	8	46.47	4	17	16	46.57	33	57	10.5	Mu.	26	5	
	8.9	46.46	2			46.84			9.3	Mu.	22	74	
14976	7	46.40	1	17	16	47.87	28	16	26.4[4]	Mer.	22	45	[4] Decl. changed five rev. south.
	7	46.60	2			47.98			....	Tr.	51	5	
	7	47.44	2			48.05			30.4	Mu.	117	98	
	7.8	46.46	7			48.22			33.5	Mer.	27	52	
	7	47.40	2			48.34			32.7	Mer.	189	63	
14977	8	46.42	3	17	16	54.81	31	28	10.4	Mu.	19	114	
	8.9	49.54	2			55.04			12.8	Mu.	267	10	
14978	10	48.52	2	17	16	55.83	20	38	....	Tr.	171	1	
	10	49.47	1			56.46			20.2	Mu.	258	34	
14979	9	48.54	4	17	16	56.66	23	1	....	Mer.	131	3	
	10	49.46	4			56.67			45.4	Tr.	243	40	
	7	49.47	3			56.71			....	Mer.	184	73	
	8.9	48.48	4			56.80			46.9	Mu.	175	64	
14980	8	46.46	2	17	16	56.72	31	52	....	Tr.	30	41	
14981	10	49.47	1	17	16	58.02	19	9	17.9	Mu.	259	35	
14982	..	48.45	1	17	16	59.93	23	45	7.0	Mu.	171	12	
14983	9	46.39	3	17	17	1...[5]	41	10	28.3	Mer.	21	35	[5] Separate threads give 41^{s}.71, 41^{s}.12, 0^{s}.47. Gou gives 1^{s}.2.
	8	46.46	6			1.10			24.2	Mer.	26	67	
	10	46.30	6			1.46			41.1[6]	Mer.	13	88	[6] If micrometer reading be assumed as 48.428 instead of 48.128 rev., as recorded, Decl. =30″.6.
14984	10	46.53	1	17	17	8.15[7]	39	35	34.8	Tr.	43	9	
14985	6	46.46	2	17	17	8.69	37	55	27.6	Tr.	29	44[8]	
14986	4	48.43	1	17	17	12.15	24	1	53.1	Mu.	170	42	[7] R. A. increased one thread interval.
	7.8	48.49	1			12.29			....	Mer.	129	25	[8] See note on No. 14994.
	6	48.47	2			12.42[9]			59.5	Tr.	168	58	[9] R. A. increased 1 min.
	5	48.47	2			12.50			54.9	Mu.	174	76	
	4	48.55	4			12.93			54.4	Mer.	132	9	
14987	9	46.53	3	17	17	14.04	42	16	10.8	Mer.	42	17	
14988	8	46.42	2	17	17	15.88	30	57	12.6	Tr.	25	35	
	9	49.54	1			16.08			13.6	Mu.	267	11	
	8	47.40	1			16.16			10.0	Tr.	120	12	
14989	9	47.47	2	17	17	19.65	29	57	12.0	Tr.	123	44	
	9	47.44	3			19.94			15.1	Mer.	190	90	
14990	10	46.40	1	17	17	30.91	37	2	....	Tr.	22	31	
14991	7	47.34	5	17	17	32.10	26	11	39.2	Mu.	114	44	
	8	47.51	3			32.14			40.9	Mer.	194	15	
	8	48.45	3			32.18			34.3	Tr.	165	37	
	8	47.46	7			32.20			37.9	Mer.	191	75	
	7	46.52	4			32.28			40.7	Mu.	31	46	
14992	11	52.46	5	17	17	33.20	19	22	....	Tr.	280	9	
14993	9	46.46	1	17	17	34.82	32	24	28.1	Mu.	25	42	
14994	9	46.46	2	17	17	37.20	37	55	28.5	Mu.	24	42[10]	[10] Unidentified. Looked for with equatorial but not found. If decreased one thread interval and 10 sec., R. A.=7^{s}.75. Gou gives 8^{s}.3. GZ gives 8^{s}.5. See No. 14985.
14995	4	47.54	4	17	17	38.36[11]	25	48	20.0	Mu.	123	4	
	9	48.43	3			38.46			....	Tr.	164	48	
	6	48.41	4			38.54			19.2	Mer.	125	41	
14996	7	46.40	4	17	17	40.30	36	23	22.4	Mu.	16	57	[11] One of five threads rejected; R. A.=37^{s}.41.
14997	8	49.51	2	17	17	43.86	21	19	52.5	Mu.	265	24	
	8	49.53	3			43.92			51.1	Mu.	266	12	
	8	49.47	2			44.04			....	Tr.	244	59	
14998	9	49.53	2	17	17	45.45[12]	21	16	35.3	Mu.	266	13	[12] Separate threads give 45^{s}.05, 45^{s}.84.
	8.9	49.51	1			45.46			35.3	Mu.	265	25	
14999	11	48.55	1	17	17	46.28	25	8	3.1	Tr.	174	23	
15000	5	47.44	2	17	17	46.19[13]	29	43	31.7	Mer.	190	91	[13] One of three threads rejected; R. A.=47^{s}.10.
	2	47.46	3			46.79			28.9	Tr.	122	52	
	3	47.31	4			46.83			29.8	Mer.	96	56	
	5	46.48	2			47.10			29.7	Tr.	32	49	
	3.4	46.29	4			47.11			25.1	Mer.	9	23	
	4	46.54	4			47.15			30.2	Mu.	37	21	
	7	47.32	1			47.41			30.4	Mer.	97	126	
15001	8	47.29	4	17	17	47.09	28	37	....[14]	Mer.	94	58	[14] Decl. changed one wire interval south.
	7.8	46.47	6			47.10			60.9	Mer.	30	9	
	8	47.34	1			47.15			60.8	Tr.	117	32	
	7.8	46.40	1			47.22			61.0	Mer.	22	46	
	8	46.48	2			47.37			58.5	Mu.	27	43	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
15002	9	46.53	1	17	17	55.29	40	12	15.7	Mu.	34	20	
	8.9	46.52	4			55.78			20.7	Mer.	38	7	
15003	9	46.46	2	17	18	2.45	38	33	50.5	Tr.	29	45	
15004	5	46.29	2	17	18	3.95	29	35	....	Mer.	9	24	
	7	46.48	2			4.06			19.0	Tr.	32	50	
	5	46.54	1			4.14			21.1	Mu.	37	22	
15005	9	46.46	5	17	18	13.69	28	2	37.4[1]	Mer.	27	53	[1] Decl. changed one rev. north.
	9	46.60	1			13.77			....	Tr.	51	7	
15006	9	46.52	2	17	18	17.80	34	28	40.3	Tr.	39	10	
15007	8	46.60	2	17	18	18.30	28	13	....	Tr.	51	6	
	8	47.40	1			18.36			26.4	Mer.	189	64	
	7.8	47.44	1			18.57			25.6	Mu.	117	99	
15008	11	48.49	1	17	18	18.70	20	10	....	Tr.	169	45	
15009	11	46.46	2	17	18	19.62	32	2	....[2]	Tr.	30	42	[2] Decl. changed one wire interval south.
15010	9	46.46	3	17	18	23.97	28	2	1.2	Mer.	27	54	
15011	10	48.52	1	17	18	27.58	20	22	....	Tr.	171	2	
	10	49.47	1			28.23			54.3	Mu.	261	18	
	10	49.47	3			28.31			55.3	Mu.	258	35	
15012	8	49.54	2	17	18	31.14[3]	31	4	25.7	Mu.	267	12	[3] Separate threads give 30^s.77, 31^s.51.
	7	46.42	2			31.24			27.7	Mu.	19	115	
	7	47.46	3			31.40			23.4	Mu.	120	90	
	7	47.40	2			31.41			24.1	Tr.	120	2	
	7	46.42	2			31.46			25.6	Tr.	25	36	
15013	9	46.53	4	17	18	36.81	42	12	8.1	Mer.	42	18	
15014	10	47.40	1	17	18	40.17	30	40	52.7	Tr.	120	3	
15015	9	46.39	8	17	18	44.56	40	37	0.4	Mer.	21	36	
15016	8	46.40	4	17	18	47.47	36	38	....	Tr.	22	32	
	6	46.40	3			47.60			47.4	Mu.	16	58	
15017	9	46.46	2	17	18	47. . .[4]	33	27	3.7	Mu.	22	75	[4] Separate threads give 47^s.69, 49^s.05.
	10	46.46	1			47.88			3.9	Tr.	26	25	
	11	46.30	1			48.03			3.4	Tr.	15	67	
15018	9	46.52	1	17	18	52.83	40	9	24.1	Mer.	38	8	
15019	11	49.47	1	17	18	53.02	19	5	20.5	Mu.	259	36	
15020	10	46.52	1	17	18	55.08	34	37	33.6	Tr.	39	11	
15021	7	46.48	3	17	18	56.72	28	55	36.1	Mu.	27	44	
	7.8	46.47	5			56.76			35.6	Mer.	30	10	
	8	47.34	1			56.97			34.7	Tr.	117	33	
	9	47.29	2			57.04			....[5]	Mer.	94	59	[5] Decl. changed one rev. south.
15022	8	49.54	2	17	18	59.70	31	15	6.5	Mu.	267	13	
	7	46.42	1			59.81			7.5	Mu.	19	116	
15023	9	46.47	3	17	19	5.01	28	59	44.5	Mer.	30	11	
	9	47.34	1			5.01			46.0	Tr.	117	34	
15024	7	46.42	2	17	19	6.17	30	47	60.3	Tr.	25	37	
	8	47.40	1			6.18			61.7	Tr.	120	4	
	7	47.46	2			6.24			58.2	Mu.	120	91	
15025	4.5	46.46	2	17	19	7.08	38	23	17.4	Tr.	29	46	
15026	11	46.48	1	17	19	17.94	29	27	43.9	Tr.	32	51	
15027	9	49.47	4	17	19	19.60[6]	20	49	58.6	Mu.	258	36	[6] R. A. decreased 1 min.
15028	9	46.46	5	17	19	20. . .[7]	41	26	16.9	Mer.	26	68	[7] If two threads be decreased 10 sec. each, separate threads give 19^s.59, 19^s.44, 19^s.66, 21^s.29, 21^s.25.
15029	6	47.54	3	17	19	23.43	25	22	43.3	Mu.	123	5	
	8	48.43	4			23.59			....	Tr.	164	49	
	10	48.55	2			23.60			37.1	Tr.	174	24	
	6	48.41	3			23.70			43.7	Mer.	125	42	
	9	48.41	1			23.71			43.7	Mu.	166	31	
15030	10	46.53	1	17	19	26.45	39	34	39.7	Tr.	43	10	
15031	9	48.49	2	17	19	29. . .[8]	26	35	51.1	Mu.	176	24	[8] R. A. increased one thread interval. Separate threads give 29^s.76, 28^s.95.
	7	47.34	1			29.15			51.2	Mer.	100	32	
	9.10	46.46	4			29.23			48.6	Mer.	28	13	
	9	47.44	2			29.30			52.1	Tr.	121	56	
	7	46.52	3			29.34			51.9	Mu.	31	47	
	9	48.45	3			29.35			53.5	Tr.	165	38	
	10	47.51	5			29.45			50.3	Mer.	194	16	
	9	47.34	1			29.48[9]			50.8	Mu.	114	45	[9] R. A. increased one thread interval.
	9	47.46	3			29.64			47.4[10]	Mer.	191	76	[10] Decl. changed one rev. north.
15032	10	49.47	1	17	19	29.21	20	13	54.8	Mu.	261	19	
	11	48.49	1			30.63[11]			....[12]	Tr.	169	46	[11] AW gives 29^s.5. [12] Decl. changed two rev. north.
15033	8	49.54	2	17	19	30.64	31	24	16.0	Mu.	267	14	
	7	46.42	2			30.74[13]			18.3	Mu.	19	117	[13] Minute assumed. One of three threads rejected; R. A.=29^s.81.
15034	8	46.46	1	17	19	32.07	33	37	43.7	Tr.	26	26	
	9	46.47	2			32.29			40.9	Mu.	26	6	
15035	8	46.34	2	17	19	39.09	43	37	36.5	Mer.	14	22	
15036	9	46.47	3	17	19	42.35	28	50	37.4	Mer.	30	12	
15037	9	48.48	4	17	19	45.25	23	18	42.2	Mu.	175	65	
	10	49.46	4			45.27			44.9	Tr.	243	41	
	10	48.54	3			45.57			....[14]	Mer.	131	4	[14] Decl. changed ten rev. north.
15038	8.9	46.52	7	17	19	46.59	43	5	56.1	Mer.	36	19	
	8	46.34	3			46.67			57.4	Mer.	14	23	
15039	8	48.55	2	17	19	49.80[15]	24	12	28.2	Mer.	132	10	[15] One of three threads rejected; R. A.=51^s.20.
	10	48.47	2			49.93			21.5	Tr.	168	59	
	9	48.49	3			50.05			....[16]	Mer.	129	26	[16] Decl. changed ten rev. south.
	9	48.43	1			50.20			23.0	Mu.	170	43	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
15040	10	46.29	3	17	20	11.92	35	43	54.0	Tr.	12	30	
	9	46.47	2			12.15			57.4	Tr.	31	5	
	9	46.53	1			12.17			56.2	Tr.	44	1	
15041	8	46.46	3	17	20	12.63	33	35	21.9	Mu.	22	76	
	7.8	46.47	4			12.70			22.3	Mu.	26	7	
	8	46.30	1			12.72			23.5	Tr.	15	68	
	6	46.46	1			12.85			22.9	Tr.	26	27	
15042	9	46.60	2	17	20	13.42	28	30	....	Tr.	51	8	
15043	10	46.46	1	17	20	17.67	38	23	39.5	Tr.	29	47	
15044	8	46.52	2	17	20	23.05	34	21	16.9	Tr.	39	12	
15045	8	46.52	1	17	20	23.34	40	32	7.8	Mer.	38	9	
	9	46.39	3			23.72			9.1	Mer.	21	37	
15046	9	46.46	2	17	20	30.61	31	59	....	Tr.	30	43	
15047	8	46.52	1	17	20	33.67	34	24	49.2	Tr.	39	13	
15048	7	46.46	6	17	20	34.26	37	10	8.6	Mu.	24	44	
	5	46.40	3			34.43			....	Tr.	22	33	
15049	10	47.31	1	17	20	35.64	30	7	57.8	Mer.	96	57	
	9	47.44	4			35.79			54.8	Mer.	190	92	
15050	8.9	46.46	4	17	20	35.74[1]	37	18	39.2	Mu.	24	43	[1] One of five threads rejected; R. A.=$36^{s}.79$.
15051	10	49.54	2	17	20	37.52	31	19	38.2	Mu.	267	15	
15052	9	46.30	1	17	20	40.94	33	31	46.6	Tr.	15	69	
	9	46.46	1			40.97			42.8	Mu.	22	77	
15053	10	46.53	1	17	20	49.83[2]	39	51	3.5	Tr.	43	11	[2] R. A. decreased one thread interval.
15054	9	49.47	3	17	20	52.70	19	20	49.1	Mu.	259	37	
	9	52.46	5			52.82			....	Tr.	280	10	
	6	51.57	5			52.91			47.8	Tr.	267	14	
15055	9	46.46	2	17	·20	55.88[3]	33	29	8.4	Mu.	22	78	[3] R. A. decreased 1 min.
	7	46.46	1			55.90			9.5[4]	Tr.	26	28	[4] Decl. changed two rev. south.
15056	10	46.39	..	17	20	58...	39	2	37.3	Mu.	15	62	
15057	10	46.39	5	17	20	58.30	38	53	....	Tr.	21	23	
	9	46.39	2			58.32			45.5	Mu.	15	61	
15058	10	48.54	3	17	21	0.90	22	49	....[5]	Mer.	131	5	[5] Decl. changed ten rev. north.
	10	48.45	3			1.29			....[6]	Mer.	127	7	[6] Decl. changed one rev. south.
	9.10	48.48	2			1.70			33.7	Mu.	175	66	
15059	9	46.53	1	17	21	2.01	35	46	33.9	Tr.	44	2	
	9	46.47	2			2.05			34.9	Tr.	31	6	
	10	46.29	2			2.06			34.2	Tr.	12	31	
15060	8	46.39	4	17	21	9.36	40	54	58.7	Mer.	21	38	
15061	9	48.49	2	17	21	10.83[7]	27	4	50.1[8]	Mu.	176	25	[7] Separate threads give $11^{s}.22$, $10^{s}.44$.
	8.9	46.40	4			11.01			46.3	Mer.	24	16	[8] Decl. changed fifteen rev. south.
	9	46.46	3			11.12			49.4	Mer.	28	14	
	8	47.34	2			11.42			44.1[9]	Mer.	100	33	[9] Decl. changed ten rev. south.
	8	46.52	1			11.48			42.9	Tr.	36	55	
15062	8	46.46	2	17	21	15.24	38	31	32.3	Tr.	29	48	
15063	9	46.47	5	17	21	23.71	28	55	22.2	Mer.	30	13	
	10.11	47.29	1			24.62			....	Mer.	94	60	
15064	9	46.46	4	17	21	27.81	28	17	36.2	Mer.	27	55	
15065	10	46.53	1	17	21	29.73	35	57	19.0	Tr.	44	3	
15066	9	46.53	4	17	21	39.02	42	3	38.5	Mer.	42	19	
15067	8	46.46	2	17	21	39.64	31	50	....	Tr.	30	44	
15068	9	48.49	2	17	21	41.44	23	43	....	Mer.	129	27	
	6	48.45	1			41.62			8.8	Mu.	171	13	
	8	48.55	2			41.76[10]			7.2	Mer.	132	11	[10] R. A. decreased one thread interval.
	9	48.47	2			41.82[11]			7.7	Mu.	174	77	[11] One of three threads rejected; R. A.=$40^{s}.97$.
15069	9	49.47	1	17	21	47.20	19	26	5.8	Mu.	259	38	
	10	51.57	5			47.40			6.1	Tr.	267	15	
	7	52.46	4			47.60[12]			....	Tr.	280	11	[12] One of five threads rejected; R. A.=$48^{s}.07$.
15070	9	47.54	2	17	21	51...[13]	27	55	50.3	Mer.	195	20	[13] Separate threads give $50^{s}.83$, $51^{s}.72$. Gou gives $51^{s}.4$.
15071	6	46.46	1	17	21	54.36	33	34	53.1	Tr.	26	29	
	8	46.46	2			54.43			51.2	Mu.	22	79	
	7	46.47	5			54.45			53.9	Mu.	26	8	
15072	9	46.46	3	17	21	55.50	41	11	0.7	Mer.	26	69	
15073	10	48.54	2	17	21	56.98	23	3	....	Mer.	131	6	
15074	8	47.31	3	17	21	58.83	30	10	16.7	Mer.	96	58	
	9	47.44	3			59.57[14]			19.4	Mer.	190	93	[14] One of four threads rejected; R. A.=$57^{s}.87$.
15075	7	46.54	2	17	21	59.47	30	7	28.3	Mu.	37	23	
	9	47.44	3			59.56[15]			28.9	Mer.	190	94	[15] One of four threads rejected; R. A.=55^{s} 57.
15076	10	49.53	3	17	22	4.63	21	21	42.0	Mu.	266	14	
	10	49.47	2			4.74			48.1	Tr.	244	60	
15077	7	48.47	2	17	22	15.65[16]	23	50	28.2	Mu.	174	78	[16] One of three threads rejected; R. A.=$16^{s}.45$.
	5	48.55	3			15.80			29.0	Mer.	132	12	
	9	48.49	3			15.92			....	Mer.	129	28	
	3	48.45	1			16.10			27.7	Mu.	171	14	
15078	9	49.54	1	17	22	17.77	31	42	28.8	Mu.	267	17	
15079	8	47.46	2	17	22	19.31	30	16	52.0	Mu.	120	92	
	7	46.54	1			19.36			54.7	Mu.	37	24	
	7	47.31	1			19.44[17]			57.2[18]	Mer.	96	60	[17] R. A. decreased one thread interval.
15080	7	46.42	2	17	22	24.15	31	25	47.7	Mu.	19	118	[18] Decl. changed one rev. north.
	8	46.61	5			24.50			47.9	Mu.	44	1	
	8.9	49.54	3			24.63			47.6	Mu.	267	16	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
15081	7.8	47.46	3	17	22	25. . . [1]	26	8	53.3	Mer.	191	77	[1] Separate threads give $25^{s}.33$, $24^{s}.67$, $25^{s}.96$.
	5	46.52	4			25.65			56.7	Mu.	31	48	
	8	48.45	4			25.78			52.7	Tr.	165	39	
	6.7	47.34	5			25.80			59.0	Mu.	114	46	
	7.8	47.51	7			25.87			55.3	Mer.	194	17	
15082	11	49.47	1	17	22	27.31	21	26	37.5	Tr.	244	61	
	10.11	49.53	1			27.51			39.8	Mu.	266	15	
15083	7	46.47	2	17	22	29.03	34	9	36.1	Mu.	26	9	
15084	9	46.46	2	17	22	30.51	27	59	53.9	Mer.	27	56	
15085	6	46.46	4	17	22	32.86	41	3	22.5	Mer.	26	70	
	7.8	46.30	7			33.26			22.9	Mer.	13	89	
	7	46.39	4			32.94			21.9 [2]	Mer.	21	39	[2] Decl. changed one wire interval south.
15086	8	46.40	2	17	22	34.86	28	42	61.3	Mer.	22	47	
	8	46.47	5			35.49			58.1	Mer.	30	14	
	8	47.34	1			35.89			49.5	Tr.	117	35	
15087	9	46.54	1	17	22	38.45	30	20	31.7	Mu.	37	25	
	8	47.46	1			39.73			27.6	Mu.	120	93	
15088	8	47.44	1	17	22	40.38	27	59	48.7	Mu.	117	100	
	9	46.46	2			40.53			45.6	Mer.	27	57	
15089	8	46.46	1	17	22	44.18	33	40	44.9	Tr.	26	30	
	9	46.46	1			44.33			44.4	Mu.	22	80	
15090	9	46.53	7	17	22	47.26	42	16	59.8	Mer.	42	20	
15091	9	46.52	3	17	22	47.62	34	39	9.6	Tr.	39	14	
15092	10	48.45	2	17	22	51.41	22	53	. . . .	Mer.	127	8	
15093	10	48.49	1	17	23	4.95 [3]	20	5	. . . .	Tr.	169	47	[3] R. A. increased one thread interval.
15094	11	48.52	2	17	23	11.46	20	27	. . . .	Tr.	171	3	
15095	9	46.30	1	17	23	16.10	32	56	30.3	Tr.	15	70	
	8	46.46	3			16.19			32.2	Mu.	25	43	
15096	10	47.40	1	17	23	17.68	30	59	42.9	Tr.	120	5	
	11	46.42	1			17.80			41.3	Tr.	25	38	
15097	10	46.46	3	17	23	20.84	31	51	. . . .	Tr.	30	45	
15098	9	46.54	1	17	23	22.54	30	15	38.3	Mu.	37	26	
	9	47.46	1			22.60			40.2	Tr.	122	53	
	8	47.47	1			22.84			39.6	Tr.	123	45	
	7	47.46	1			23.05			38.0	Mu.	120	94	
	8	47.44	3			23.24			38.0	Mer.	190	95	
15099	3	46.40	2	17	23	25.59	36	59	. . . .	Tr.	22	34	
15100	6.7	46.29	2	17	23	29.46 [4]	29	32	2.6	Mer.	9	25	[4] R. A. decreased 1 min.
	8	46.48	3			29.83			4.5	Tr.	32	52	
15101	8	46.46	2	17	23	31.79	37	58	42.7	Tr.	29	49	
15102	9	46.47	4	17	23	32.43	29	0	19.7	Mer.	30	15	
	9	47.29	4			32.47			. . . .	Mer.	94	61	
15103	9	49.47	1	17	23	39.49	21	45	28.7	Mu.	257	41	
	9	49.47	2			39.67			33.2	Tr.	245	35	
15104	10	49.54	1	17	23	41.42	30	58	50.1	Mu.	267	18	
	11	46.42	1			41.54			48.6	Tr.	25	39	
	8	47.40	1			41.80			48.7	Tr.	120	6	
15105	8.9	46.39	5	17	23	42.53	40	54	45.5	Mer.	21	40	
15106	10	48.47	3	17	23	49.84	24	12	14.0	Tr.	168	60	
	9	48.55	3			49.96			13.2	Mer.	132	13	
	9	48.43	1			50.21			13.2	Mu.	170	44	
15107	11	48.55	2	17	23	50. . . [5]	24	55	58.3	Tr.	174	25	[5] Separate threads give $51^{s}.12$, $50^{s}.22$. AW gives $50^{s}.1$.
15108	6.7	46.52	5	17	23	52.17	40	25	8.5	Mer.	38	10	
	7	46.53	2			52.27			7.9	Mu.	34	21	
15109	7	47.45	1	17	23	54.84 [6]	27	21	14.4	Mu.	118	53	[6] GZ gives $56^{s}.7$.
	9	46.52	1			56.87			16.2	Tr.	36	56	
15110	10	49.47	1	17	24	0.50	21	42	30.1	Mu.	257	42	
15111	8.9	46.47	2	17	24	0.69	33	57	50.4	Mu.	26	10	
	9	46.46	2			1.17			49.6	Mu.	22	81	
15112	8	46.46	6	17	24	5.13	41	12	42.7	Mer.	26	71	
	9	46.30	5			5.16			44.5	Mer.	13	90	
15113	9	46.52	5	17	24	9.24	42	48	17.9	Mer.	36	20	
15114	8	46.47	2	17	24	10.48	35	37	14.8	Tr.	31	7	
	9	46.29	3			10.55			19.4	Tr.	12	32	
	8	46.53	1			10.64			15.0	Tr.	44	4	
15115	9	48.55	2	17	24	18.58	23	57	19.9	Mer.	132	14	
	8	48.45	1			18.59			23.0 [7]	Mu.	171	15	[7] Decl. changed five rev. north.
	9	48.49	4			18.68			. . . . [8]	Mer.	129	29	[8] Decl. changed one rev. north.
15116	9	47.29	1	17	24	21.95	29	6	. . . .	Mer.	94	62	
	8.9	46.47	5			22.41			40.7	Mer.	30	16	
	9	47.34	1			22.49			40.5	Tr.	117	36	
15117	10	49.53	3	17	24	22.25	21	11	21.3	Mu.	266	16	
15118	8	47.31	1	17	24	22.82	30	17	70.7 [9]	Mer.	96	61	[9] If micrometer reading be assumed as 41.48 instead of 41.18 rev., as recorded, Decl. = 60″.4.
	8	47.44	2			24.26			57.1	Mer.	190	96	
	8	46.54	1			24.43			58.3	Mu.	37	27	
	8	47.46	2			24.48			57.8	Tr.	122	54	
	7	47.46	3			24.51			56.2	Mu.	120	95	
15119	9	48.55	1	17	24	25.49	23	52	4.7	Mer.	132	15	
15120	9.10	49.54	1	17	24	26.72	30	57	15.4	Mu.	267	19	
	9	47.40	1			26.88			13.3	Tr.	120	7	
	10	46.42	2			26.97			15.7	Tr.	25	40	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES
		1800+		h	m	s	°	′	″				
15121	7	46.52	3	17	24	28.07 [1]	39	57	33.7	Mer.	38	11	[1] R. A. increased 5 min.
	9	46.53	1			28.10			34.4	Mu.	34	22	
15122	10	48.52	4	17	24	29.63	20	39	.... [2]	Tr.	171	4	[2] Decl. changed one rev. north.
	10	49.47	1			29.90			47.3	Mu.	258	37	
15123	9	49.47	2	17	24	32.83	22	3	29.2	Tr.	245	36	
15124	9	46.46	1	17	24	45.85	33	33	4.3	Tr.	26	31	
15125	9	46.39	7	17	24	45.98	38	41	.... [3]	Tr.	21	24	[3] Decl. changed one wire interval north.
	8	46.39	3			46.47			28.8	Mu.	15	63	
15126	9	46.52	2	17	24	49.41	34	47	55.2	Mu.	33	10	
	7	46.52	3			49.59			59.1 [4]	Tr.	39	15	[4] Micrometer reading doubtful; assumed as 1.35 instead of 1.55 rev. as printed in Washington Observations for 1870, Appendix IV, page 41. Decl. changed one wire interval and one rev. south.
15127	10	48.54	1	17	24	50.47	22	57	.... [5]	Mer.	131	7	
15128	4	46.46	3	17	24	54.56	32	28	18.7	Mu.	25	44	
15129	8	46.46	2	17	24	54.57	31	45	....	Tr.	30	46	
15130	9	48.54	3	17	24	57.05	22	55	.... [6]	Mer.	131	8	
	8.9	48.45	3			57.20			....	Mer.	127	9	[5] Decl. changed one rev. north.
	8	48.48	4			57.24 [7]			3.6	Mu.	175	67	[6] Decl. changed one wire interval north and ten rev. south.
	8.9	48.55	5			57.50			4.7	Mu.	181	30	
15131	9	49.54	2	17	24	58.78	31	12	5.4	Mu.	267	20	[7] One of five threads rejected; R. A.=$58^{s}.06$.
15132	11	49.47	2	17	25	0.73	21	4	48.6	Tr.	244	62	
	10.11	49.53	2			1... [8]			44.7	Mu.	266	17	[8] Separate threads give $1^{s}.38$, $3^{s}.88$.
15133	10	48.47	2	17	25	1.66	24	45	60.4 [9]	Tr.	168	61	[9] Decl. changed one wire interval south.
	10	48.55	2			1.81			61.1	Tr.	174	26	
	9	48.43	1			1.98			54.5	Mu.	170	45	
15134	8	47.31	1	17	25	5.53 [10]	30	7	13.8 [11]	Mer.	96	62	[10] R. A. increased 1 min.
15135	9	46.47	4	17	25	7.85	29	8	47.2	Mer.	30	17	[11] Decl. changed one rev. north.
	9	46.48	1			8.02			51.3	Tr.	32	53	
15136	9	46.46	2	17	25	15.32	37	44	19.7	Mu.	24	45	
15137	7	46.40	2	17	25	18.97	36	23	49.0	Mu.	16	59	
15138	10	46.53	1	17	25	19.04	35	25	27.6	Tr.	44	5	
	10	46.47	1			19.31			29.7	Tr.	31	8	
15139	9	49.47	2	17	25	19.32 [12]	19	3	56.2	Mu.	259	39	[12] One of three threads rejected; R. A.=$18^{s}.53$.
15140	7	46.46	1	17	25	22.02	38	29	20.8	Tr.	29	50	
15141	8	47.46	5	17	25	25.25	26	37	54.0	Mer.	191	78	
	7.8	47.34	1			25.31			52.6	Mu.	114	47	
	7	46.52	3			25.35			52.1	Mu.	31	49	
	8.9	46.46	5			25.38			51.6	Mer.	28	15	
	9	48.45	3			25.41			55.0	Tr.	165	40	
	6	46.52	1			25.42			51.8	Tr.	36	57	
	9	47.51	6			25.50 [13]			55.0	Mer.	194	18	[13] One of seven threads rejected; R. A.=$24^{s}.61$.
	8	48.49	3			25.56			50.7	Mu.	176	26	
	9	48.55	2			25.59			69.1 [14]	Tr.	177	1	[14] If micrometer reading be assumed as 12.25 instead of 12.55 rev., as recorded, Decl.= 54″.0.
15142	9	46.46	2	17	25	27.06	33	33	44.6	Mu.	22	82 [15]	
15143	8.9	46.46	3	17	25	30.28	37	19	53.4 [16]	Mu.	24	46	
15144	8	47.31	1	17	25	34.33 [17]	30	5	34.1	Mer.	96	63	[15] Unidentified. Looked for with equatorial but not found. If R. A. be increased 10 sec., and Decl. be changed four rev. south, we have R. A.=$37^{s}.06$, Decl.=37′ 56″.5. Gou gives $38^{s}.2$, 58″.
	9	46.54	1			35.02			32.0	Mu.	37	28	
	8	47.47	1			35.49 [18]			30.0	Tr.	123	46	
15145	8	46.46	1	17	25	38.28	33	37	58.3	Tr.	26	32	
15146	9	46.53	4	17	25	38.42	42	38	20.8	Mer.	42	21	
15147	10	46.53	1	17	25	41.29	39	13	35.1	Tr.	43	12	[16] Decl. changed five rev. north.
15148	8	46.60	2	17	25	42.88	28	5	....	Tr.	51	9	[17] R. A. increased 1 min.
	8	47.44	3			43.13			43.0	Mu.	117	101	[18] R. A. decreased one thread interval.
	8	46.46	6			43.17			46.4	Mer.	27	58	
	8	47.40	3			43.24			39.9	Mer.	189	65	
15149	10	48.49	1	17	25	45.21	20	10	....	Tr.	169	48	
	9.10	49.47	3			45.35			39.3	Mu.	261	20	
15150	9	46.46	1	17	26	0.78	33	44	34.5	Mu.	22	83	
15151	10	49.53	2	17	26	1.07	21	6	25.9	Mu.	266	18	
	10	49.47	1			1.65			30.1	Tr.	244	63	
15152	3.4	46.46	2	17	26	13.29	38	31	25.0	Tr.	29	51	
	4	46.39	4			13.43			19.8	Mu.	15	64	
	6	46.39	1			13.44			....	Tr.	21	25	
15153	6.7	49.47	2	17	26	16.81 [19]	21	56	11.0	Tr.	245	37	[19] Minute assumed.
	7.6	49.47	3			16.95			13.3	Mu.	257	43	
15154	8	48.43	1	17	26	22.59	24	31	9.3 [20]	Mu.	170	46	[20] Decl. changed one rev. north.
	9	48.47	3			22.64			14.6	Tr.	168	62	
15155	8	48.55	2	17	26	24.07	23	30	53.8	Mer.	132	16	
	9.10	48.49	2			24.80			....	Mer.	129	30	
15156	9	46.46	1	17	26	24.72	33	12	7.5	Tr.	26	33	
	10	46.30	2			24.93			3.6	Tr.	15	71	
15157	10	46.52	1	17	26	29.33	26	57	47.6	Tr.	36	58	
15158	9	46.52	2	17	26	30.65	34	29	50.5	Tr.	39	16	
15159	9	46.53	1	17	26	31.96	39	33	55.0	Tr.	43	13	
15160	5	46.52	6	17	26	32.75	42	53	42.9	Mer.	36	21	
15161	9	46.42	1	17	26	34.68	30	26	12.0	Tr.	25	41	
	8.9	47.46	1			34.95			15.8	Mu.	120	96	
15162	10	49.47	2	17	26	40.55	19	47	27.0	Mu.	261	21	
15163	10	49.47	2	17	26	42.59	20	42	17.9	Mu.	258	38	
15164	8	46.39	2	17	26	46.22	40	39	22.6	Mer.	21	41	
15165	8	46.53	1	17	26	49.73	40	13	8.4	Mu.	34	23	
	7	46.52	3			50.25			7.7	Mer.	38	12	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
15166	8.9	49.53	2	17	26	50.68	21	5	48.5	Mu.	266	19	
	9	49.47	1			50.95			56.5	Tr.	244	64	
15167	9	48.45	3	17	26	58.54	22	26	....	Mer.	127	10	
	9	48.55	2			58.71			20.7	Mu.	181	31	
15168	10	49.47	1	17	27	0.22	20	9	58.8[1]	Mu.	261	22	[1] Decl. changed one rev. north.
15169	7	46.52	2	17	27	4.65	40	42	46.4	Mer.	38	13	
	9	46.39	5			5.01			40.4[2]	Mer.	21	42	[2] Decl. changed three wire intervals north.
15170	9	47.29	4	17	27	7.36	28	53	....	Mer.	94	63	
	9	46.47	7			7.45			32.2	Mer.	30	18	
15171	8.9	46.53	4	17	27	8.03	42	27	6.6	Mer.	42	22	
15172	4.5	46.46	2	17	27	10.51	37	57	56.6	Tr.	29	52	
15173	11	48.52	1	17	27	12.58	20	16	....[3]	Tr.	171	5	[3] Decl. changed one wire interval north.
	9	48.49	1			13.84			....	Tr.	169	49	
15174	7	46.46	2	17	27	13.04	32	1	....	Tr.	30	47	
15175	10	49.54	2	17	27	13. . .[4]	31	27	41.9	Mu.	267	21	[4] R. A. decreased 1 min. Separate threads give $13^{s}.59$, $12^{s}.45$. CPD gives $13^{s}.5$.
15176	9	46.46	2	17	27	14.87[5]	37	40	55.3	Mu.	24	47	
15177	9	46.53	1	17	27	18.85	35	37	30.9	Tr.	44	6	[5] R. A. decreased one thread interval.
	9	46.47	2			18.90			28.3	Tr.	31	9	
	11	46.29	3			18.91			32.9	Tr.	12	33	
15178	8.9	46.52	6	17	27	23.26	42	46	44.4	Mer.	36	22	
15179	9.10	49.47	1	17	27	25.67	20	52	30.7	Mu.	258	39	
	8.9	49.53	2			26.37			28.3	Mu.	266	20	
15180	9.10	48.55	1	17	27	26.18	22	20	18.9	Mu.	181	32	
15181	9	46.52	4	17	27	29.31	35	13	59.0	Mu.	33	11	
15182	8	46.52	2	17	27	34. . .[6]	34	32	41.2	Tr.	39	17	[6] Separate threads give $35^{s}.10$, $34^{s}.10$. GZ gives $34^{s}.0$.
15183	9	46.46	3	17	27	35.99[7]	37	45	23.7	Mu.	24	48	
15184	8	47.31	1	17	27	36.30	29	45	49.0	Mer.	96	64	[7] Two threads decreased one thread interval each and one thread increased 10 sec.
15185	9	46.52	1	17	27	41.43	26	59	52.6	Tr.	36	59	
	9	48.55	2			41.51			50.0	Tr.	177	2	
	9	48.49	1			41.65			52.3	Mu.	176	27	
15186	9.10	49.47	1	17	27	43.27	19	58	25.8	Mu.	261	23	
15187	9	49.47	1	17	27	48.92	20	51	17.0	Mu.	258	40	
	8	49.53	1			49.39			15.0	Mu.	266	21	
15188	8.9	46.53	6	17	27	52.40	42	38	6.4	Mer.	42	23	
	9	46.52	3			52.57			10.0	Mer.	36	23	
15189	10	46.52	1	17	27	55.84	34	41	43.5[8]	Tr.	39	18	[8] Decl. changed one wire interval south.
15190	9	46.46	3	17	28	3.46	28	8	50.5	Mer.	27	59	
15191	8	48.43	1	17	28	3.62[9]	24	29	45.0	Mu.	170	47	[9] R. A. decreased one thread interval.
15192	7.8	47.46	4	17	28	11.10	30	48	35.3	Mu.	120	97	
	9	47.40	1			11.11			37.1	Tr.	120	8	
	8	46.42	2			11.20			35.6	Tr.	25	42	
15193	9	47.29	1	17	28	14.37[10]	28	32	....	Mer.	94	64	[10] R. A. decreased one thread interval.
15194	10	46.46	1	17	28	14.37	33	23	46.1	Tr.	26	34	
15195	9	46.52	2	17	28	15.36	43	2	31.7	Mer.	36	24	
	7.8	46.34	3			15.36			32.0	Mer.	14	24	
15196	7	47.55	1	17	28	16.02	28	20	21.7	Mu.	124	1	
	7	46.60	2			16.04			....	Tr.	51	10	
	7.8	47.44	3			16.06[11]			19.2	Mu.	117	102	[11] One of four threads rejected; R. A.=$15^{s}.31$.
	8	47.40	3			16.09			19.4[12]	Mer.	189	66	[12] Decl. changed one wire interval north.
15197	10	47.47	1	17	28	20.14[13]	29	56	46.5	Tr.	123	47	[13] R. A. decreased 1 min.
15198	9	46.39	1	17	28	23.69	40	55	44.9[14]	Mer.	21	43	[14] Decl. changed one rev. south.
15199	9	46.46	2	17	28	26.67	32	46	32.2	Mu.	25	45	
15200	9	46.46	3	17	28	28.58	28	3	18.1	Mer.	27	60	
15201	9	46.47	2	17	28	31.56	29	0	52.2	Mer.	30	19	
15202	8.9	46.34	2	17	28	33.37	43	4	7.6	Mer.	14	25	
15203	8	48.52	1	17	28	34.99	20	35	....	Tr.	171	6	
	9	49.47	1			35.08			25.5	Mu.	258	41	
15204	11	46.46	2	17	28	38.33	31	54	....	Tr.	30	48	
15205	10	48.54	4	17	28	39.88	23	17	....	Mer.	131	9	
	9	48.48	3			40.26			26.9	Mu.	175	68	
15206	10	48.41	2	17	28	41.36	24	52	6.9	Mu.	166	32	
	10	48.55	2			41.37			9.3	Tr.	174	27	
15207	8.9	49.53	1	17	28	43.84[15]	21	9	33.7	Mu.	266	22	[15] R. A. increased 1 sec. Observer indicates that this correction is probable.
	9	49.47	2			44.12			27.3	Tr.	244	65	
15208	6	46.60	5	17	28	45.11	27	56	59.4	Mu.	41	2	
	8	47.54	1			45.24			59.2	Mer.	195	21	
	7	46.46	4			45.25			60.1	Mer.	27	61	
	8	47.47	3			45.33			54.9	Mer.	101	22	
	6	46.60	2			45.36			....	Tr.	51	11	
15209	9	46.46	2	17	28	45.14	33	57	21.8[16]	Mu.	22	84	[16] Decl. changed five rev. south.
15210	10	46.30	2	17	28	47.30	32	57	21.1	Tr.	15	72	
15211	9	46.46	2	17	28	50.42	37	40	49.4	Mu.	24	49	
15212	9	46.53	1	17	28	53.67	35	53	46.6	Tr.	44	7	
	9	46.47	2			53.88			45.3	Tr.	31	10	
15213	8.9	46.46	7	17	28	53.90	41	2	24.6	Mer.	26	72	
15214	9	48.55	4	17	29	0.16	22	29	7.0	Mu.	181	33	
	9	48.45	5			0.22			....	Mer.	127	11	
15215	8	46.52	2	17	29	1.70	34	23	8.1[17]	Tr.	39	19	[17] Decl. changed one wire interval north.
15216	8	46.53	1	17	29	4.43[18]	39	15	3.7	Tr.	43	14	[18] R. A. decreased one thread interval.
	9	46.39	1			4.49			1.5	Mu.	15	66	
15217	8	46.53	1	17	29	4.49	39	41	9.9	Tr.	43	15	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
15218	8	47.31	1	17	29	11.45	30	2	10.5	Mer.	96	65	
	9	46.54	2			11.51			8.2	Mu.	37	29	
15219	10	48.54	2	17	29	13.71	23	6	....	Mer.	131	10	
15220	10	48.49	1	17	29	15.28	19	52	....	Tr.	169	50	
	9	49.47	2			15.57			41.0	Mu.	261	24	
15221	8	46.53	2	17	29	21.46	40	11	8.8	Mu.	34	24	
15222	9.10	46.46	1	17	29	27.75	34	2	65.3[1]	Mu.	22	85	[1] If micrometer reading be assumed as 17.398 instead of 17.098 rev., as recorded, Decl.= 46″.4. GZ gives 47″.
15223	9	46.46	1	17	29	29.08	38	16	32.8	Tr.	29	53	
15224	7	47.44	4	17	29	32.77	28	18	57.3	Mu.	117	103	
	8	46.46	2			32.84			56.7	Mer.	27	62	
	7.8	47.40	3			32.86			55.2	Mer.	189	67	
	7	46.60	2			32.97			....	Tr.	51	12	
15225	10	46.30	1	17	29	35.02	33	32	18.3	Tr.	15	73	
	8	46.46	1			35.26			18.7	Tr.	26	35	
15226	10	48.49	1	17	29	35.81[2]	23	56	....	Mer.	129	31	[2] R. A. decreased one thread interval.
	8	48.55	5			36.04			52.6	Mer.	132	17	
15227	10	46.46	1	17	29	37.57	33	27	38.1	Tr.	26	36	
15228	8	46.53	1	17	29	41.58	39	52	3.2	Tr.	43	16	
15229	10	46.42	2	17	29	42.28	30	43	31.0	Tr.	25	43	
15230	8	48.55	3	17	29	43.88	26	50	25.5	Tr.	177	3	
	8	46.46	5			44.03			28.0	Mer.	28	16	
	7	46.52	1			44.04			26.5	Tr.	36	60	
	6	48.49	3			44.12[3]			29.9	Mu.	176	28	[3] One thread increased 10 sec.
	8	47.34	2			44.49			29.1	Mer.	100	34	
15231	7	49.47	2	17	29	44.12[4]	21	48	58.5	Tr.	245	38	[4] R. A. increased 1 min.
	7.8	49.54	4			44.24[5]			65.6	Mu.	268	1	[5] One thread decreased 10 sec.
	6	49.47	2			44.28[6]			66.7	Mu.	257	44	[6] One of three threads rejected; R. A.=$43^{s}.52$.
15232	9	46.52	1	17	29	45.94	27	20	56.3	Tr.	36	61	
15233	8	46.39	2	17	29	46.21	39	6	18.9[7]	Mu.	15	65	[7] If micrometer reading be assumed as 14.995 instead of 15.495 rev., as recorded, Decl.= 50″.4. Gou gives 49″
15234	7	47.32	4	17	29	46.72	29	26	11.3	Mer.	97	127	
	7	46.48	3			46.89			12.9	Tr.	32	54	
	5.6	46.29	6			46.90			10.8	Mer.	9	26	
15235	8	47.44	1	17	29	50.61	29	51	63.4	Mer.	190	97	
	7	47.48	3			51. . .[8]			62.4	Tr.	125	1	[8] Separate threads give $51^{s}.88$, $50^{s}.56$, $51^{s}.26$.
	7	46.54	2			51.04			61.3	Mu.	37	30	
	8	47.31	3			51.12			59.9[9]	Mer.	96	66	[9] Decl. changed one rev. south.
	8	47.46	2			51.17			56.7	Tr.	122	55	
	10	47.47	2			51.34[10]			57.3	Tr.	123	48	[10] R. A. decreased one thread interval.
15236	10	49.47	3	17	29	59.71	19	26	41.1	Mu.	259	40	
	6	51.57	5			59.78			43.7	Tr.	267	16	
	10	52.46	5			60.06			....	Tr.	280	12	
15237	10	46.30	1	17	30	5.85	33	2	51.4	Tr.	15	74	
15238	8	46.46	2	17	30	15.05	32	6	....	Tr.	30	49	
	8	46.46	1			15.20			36.9	Mu.	25	46	
15239	10	48.52	1	17	30	21.66	20	37	....	Tr.	171	7	
15240	7.8	46.53	4	17	30	32.54	35	33	27.0	Mu.	35	1	
	8	46.53	1			32.55			27.2	Tr.	44	8	
	8	46.47	3			32.71			25.8	Tr.	31	11	
	9	46.29	3			32.78			24.9	Tr.	12	34	
15241	8.9	46.46	7	17	30	32.93	41	36	14.9	Mer.	26	73	
15242	7.8	46.52	2	17	30	37.80	40	0	10.1	Mer.	38	14	
	8	46.53	2			38.27			10.8	Mu.	34	25	
15243	9	47.31	2	17	30	44.31	30	7	50.7	Mer.	96	67	
	9	46.54	1			44.65			54.0	Mu.	37	31	
	10	47.46	1			44.76			51.3	Tr.	122	56	
15244	8	46.39	6	17	30	45.09	40	53	8.1	Mer.	21	44	
15245	9	46.46	2	17	30	49.62	37	33	58.4	Mu.	24	50	
15246	10	48.54	4	17	30	49.82	22	58	....	Mer.	131	11	
	9.10	48.45	3			50.19			....	Mer.	127	12	
	9.10	48.48	3			50.26			14.6	Mu.	175	69	
15247	7.8	47.29	4	17	30	52.51[11]	28	50	....	Mer.	94	65	[11] One of five threads rejected; R. A.=$53^{s}.24$.
	6.7	46.46	7			52.69			4.6	Mer.	30	20	
	7	47.55	5			52.89			2.4	Mu.	124	2	
	7	46.48	7			52.90[12]			2.4	Mer.	32	1	[12] R. A. decreased 10 sec.
	7	46.48	3			53.02			3.8	Mu.	27	46	
15248	8	46.46	2	17	30	57.43	32	4	....	Tr.	30	50	
15249	9	46.52	3	17	31	5. . .[13]	34	48	34.5[14]	Mu.	33	12	[13] Separate threads give $6^{s}.43$, $4^{s}.90$, $4^{s}.24$.
	8	46.52	3			5.24			23.8[15]	Tr.	39	20	[14] Decl. changed twenty rev. north. GZ gives 25″.
15250	10	46.53	1	17	31	7.05	39	12	51.7	Tr.	43	17	
15251	8	46.52	1	17	31	7.13	40	2	4.2	Mer.	38	15	[15] Decl. changed one wire interval south.
15252	8.9	46.52	3	17	31	15.55	34	52	57.8[16]	Mu.	33	13	[16] Decl. changed ten rev. north.
15253	9	46.46	4	17	31	15.65[17]	33	52	52.6	Mu.	22	86	[17] Three threads decreased 1 sec. each. See note on No. 15262_1.
	8.9	46.47	3			15.72[18]			53.0	Mu.	26	11	
15254	8.9	47.40	2	17	31	16.35	27	48	16.0	Mer.	189	68	[18] One of four threads rejected; R. A.=$16^{s}.51$.
	8.9	46.46	6			16.56			18.0	Mer.	27	63	
	8	47.54	4			16.61			16.8	Mer.	195	22	
	7.8	47.44	2			16.61			15.6	Mu.	117	104	
	8	46.60	4			16.74			16.4[19]	Mu.	41	3	[19] Decl. changed one rev. south.
	9	47.47	3			16.95[20]			16.3	Mer.	101	23	[20] Minute assumed.
15255	8	47.54	2	17	31	18.12	25	32	9.1	Mu.	123	6	
	8	48.41	3			18.36			14.5	Mer.	125	43	
	10	48.43	3			18.40			....	Tr.	164	50	
	8	46.61	1			18.53			16.7[21]	Tr.	53	1	[21] Decl. changed one wire interval north.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES
		1800+		h	m	s	°	′	″				
15256	11	46.48	1	17	31	18.92	29	30	38.7	Tr.	32	55	
	9	47.32	3			19.07			41.2	Mer.	97	128	
15257	8	47.40	1	17	31	18.96	27	56	37.0	Mer.	189	69	
15258	9	46.46	1	17	31	25.62	33	36	13.7	Tr.	26	37	
15259	8	47.34	1	17	31	28.20	27	18	31.8	Mer.	100	35	
	8	47.54	1			28.44[1]			35.0	Mer.	195	23	[1] R. A. increased 10 sec.
	10	48.55	3			28.53			30.5	Tr.	177	4	
	7	46.52	2			28.58			30.3	Tr.	36	62	
	8.9	46.46	2			28.58[2]			32.4	Mer.	28	17	[2] R. A. decreased one thread interval.
	9	48.49	2			28.68			31.0	Mu.	176	29	
15260	8	46.34	5	17	31	33.25	43	29	19.3	Mer.	14	26	
15261	9	46.46	4	17	31	33.43	27	59	22.1[3]	Mer.	27	64	[3] Decl. changed ten rev. north. If instead, Decl. be changed one wire interval north, Decl.=11″.0. GZ gives 10″. The error of ten rev. seems the more probable when the micrometer rev. and R. A. of Mer. 27, No. 63, are noted.
15262	9	46.46	3	17	31	35.01[4]	33	59	16.4	Mu.	22	87	
	8.9	46.47	3			35.03			15.7	Mu.	26	12	
15263	10	47.44	1	17	31	35.15	29	59	29.8	Mer.	190	98	
15264	7	48.45	2	17	31	40.80	23	44	60.6	Mu.	171	16	
	7	48.55	5			41.05			58.6	Mer.	132	18	
	9	48.49	4			41.28			....	Mer.	129	32	[4] Two threads decreased 1 sec. each. One thread increased 1 sec. See note on No. 15253_1.
15265	9	46.52	1	17	31	43.79	34	56	22.3	Mu.	33	14	
15266	7	46.52	2	17	31	44.67	40	22	39.8	Mer.	38	16	
	8	46.53	2			44.74			42.3	Mu.	34	26	
15267	10	48.52	1	17	31	54.25	20	46	....[5]	Tr.	171	8	[5] Decl. changed one wire interval south.
	10	49.47	2			54.36			41.5	Mu.	258	42	
15268	10.11	49.47	2	17	32	3.25	19	53	21.3	Mu.	261	25	
	10	48.49	1			3.55[6]			....	Tr.	169	51	[6] R. A. decreased 1 min. and increased one thread interval.
15269	8	47.31	3	17	32	5.12	29	55	40.5	Mer.	96	68	
15270	8	46.46	1	17	32	6.04	33	25	10.9	Mu.	22	88	
	7	46.30	2			6.29			12.2	Tr.	15	75	
	6	46.46	1			6.29			12.3	Tr.	26	38	
15271	3	46.39	4	17	32	6.97	38	56	46.7	Mu.	15	67	
15272	7	46.53	4	17	32	13.28	35	43	6.4	Mu.	35	2	
	7	46.47	2			13.36			4.4	Tr.	31	12	
	8	46.53	1			13.42			4.0	Tr.	44	9	
	9	46.29	3			13.46			9.8	Tr.	12	35	
15273	8	46.53	1	17	32	19.15	35	24	57.5	Tr.	44	10	
	8	46.47	3			19.18			56.5	Tr.	31	13	
15274	9	46.53	4	17	32	20.64	41	58	3.3	Mer.	42	24	
15275	10	49.47	3	17	32	26.75	19	22	16.0[7]	Mu.	259	41	[7] Decl. changed one rev. north.
	9	51.57	5			26.78			15.0	Tr.	267	17	
15276	9	46.46	2	17	32	26.95	38	23	11.9	Tr.	29	54	
15277	10	46.53	1	17	32	26.97	39	37	31.9	Tr.	43	18	
15278	9	47.29	1	17	32	27.05	29	0	....	Mer.	94	66	
15279	9.10	49.54	2	17	32	29.59	21	51	37.3	Mu.	268	2	
	11	49.47	1			29.68			37.4	Mu.	257	45	
15280	9	46.46	5	17	32	38.32	41	14	31.5	Mer.	26	74	
15281	9	47.34	3	17	32	43.13	26	45	47.0	Mer.	100	36	
	8	46.46	1			43.40			46.5	Mer.	28	18	
	6.7	46.52	1			43.46			42.7	Tr.	36	63	
	6	48.49	2			43.47			45.0	Mu.	176	30	
	8	46.53	7			43.47			45.6	Mer.	41	1	
	10	48.55	1			44.08			47.8	Tr.	177	5	
15282	8	48.41	1	17	32	43.79	25	46	20.1	Mer.	125	44	
15283	9	46.52	3	17	32	52.47[8]	42	57	17.4	Mer.	36	25	[8] R. A. increased 1 min.
15284	8	47.32	3	17	32	53.39[9]	29	21	20.1	Mer.	97	129	[9] One of four threads rejected, R. A.=$52^{s}.02$.
	8	47.48	2			53.54			25.6	Tr.	125	2	
	8	46.48	2			53.64			26.0	Tr.	32	56	
15285	9.10	49.54	2	17	32	55.48	22	13	44.6	Mu.	268	3	
15286	9	47.40	1	17	32	58.88	30	38	10.2	Tr.	120	9	
	10	46.42	2			59.13[10]			9.5	Tr.	25	44	[10] One thread increased 5 sec.
	8	47.46	1			59.52			8.0	Mu.	120	98	
15287	9	46.48	4	17	33	0.34	28	39	57.9	Mer.	32	2	
15288	8.9	47.40	3	17	33	4.26	28	13	56.1	Mer.	189	70	
	8	47.44	4			4.59			55.8	Mu.	117	105	
	8	46.60	2			4.62			....	Tr.	51	13	
	9	46.46	4			4.76			59.1	Mer.	27	65	
15289	9	46.53	1	17	33	5.35	39	44	36.6	Tr.	43	19	
15290	9	46.61	2	17	33	11.53	25	41	57.0	Tr.	53	2	
15291	9	46.53	1	17	33	13.67	39	43	35.0	Tr.	43	20	
	9	46.53	1			14.41			33.9	Mu.	34	27	
15292	8	48.48	4	17	33	14.26	23	16	13.2	Mu.	175	70	
	9.10	48.54	2			14.32			....	Mer.	131	12	
15293	11	48.55	2	17	33	15. . .[11]	24	55	2.9	Tr.	174	28	[11] Separate threads give $14^{s}.78$, $15^{s}.75$. GZ gives $15^{s}.4$.
15294	8	46.46	1	17	33	16.22	32	58	17.2	Mu.	25	47	
	7	46.30	2			16.37			18.0	Tr.	15	76	
15295	8	48.55	4	17	33	16.70	23	39	23.5	Mer.	132	19	
15296	11	46.46	1	17	33	22.80	33	32	0.3	Tr.	26	39	
15297	9	47.54	3	17	33	23.63	27	45	53.6	Mer.	195	24	
15298	7	46.52	2	17	33	23.80	35	13	10.4	Mu.	33	15	[12] One thread increased 30 sec.
15299	8.9	46.46	2	17	33	25.27[12]	38	7	5.7	Tr.	29	55	[13] "Too faint, differing but a few seconds in Decl. from Mu. 37, No. 33."
15300	10	46.54	1	17	33	32.72	29	51	....[13]	Mu.	37	32	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
15301	7	46.54	2	17	33	34. . . [1]	29	51	33.7	Mu.	37	33	[1] Separate threads give $34^{s}.69$, $33^{s}.71$.
15302	8	46.46	4	17	33	34.42	41	35	2.2	Mer.	26	75	
15303	10	48.45	1	17	33	37.41	22	17	. . . .	Mer.	127	13	
	10	48.55	3			37.75			14.7	Mu.	181	34	
15304	8	49.47	4	17	33	38.33	20	1	29.4	Mu.	261	26	
	10	48.49	1			38.34			. . . .	Tr.	169	52	
15305	9	46.46	1	17	33	39.99	34	0	11.8	Mu.	22	89	
	8.9	46.47	3			40.08			13.6	Mu.	26	13	
15306	9	46.46	2	17	33	42.20	32	9	. . . .	Tr.	30	51	
15307	7	46.39	4	17	33	44.64	38	43	36.7	Mu.	15	68	
15308	5	46.46	2	17	33	46.61	32	35	5.3	Mu.	25	48	
15309	9	47.40	1	17	33	46.96	27	59	55.5	Mer.	189	71	
15310	8	46.53	3	17	33	47.75	35	25	18.9	Mu.	35	3	
	9	46.53	1			47.98			19.5	Tr.	44	11	
	10	46.47	1			48.02			21.2	Tr.	31	14	
15311	8.9	46.52	2	17	33	48.61	40	2	3.3	Mer.	38	17	
15312	7	46.52	2	17	33	49.01	34	22	21.9	Tr.	39	21	
15313	9	47.54	2	17	33	51.09	27	48	19.6	Mer.	195	25	
	6	46.60	5			51.25			20.9	Mu.	41	4	
	6	47.44	3			51.31			19.9	Mu.	117	106	
	7.8	46.46	5			51.46			21.4	Mer.	27	66	
	7	47.47	3			51.76			18.3	Mer.	101	24	
15314	8	46.54	2	17	33	53.09	30	5	55.3	Mu.	37	34	
	8	47.44	3			53.14			52.9	Mer.	190	99	
	7	47.31	3			53.15			54.4	Mer.	96	69	
	8	47.46	1			53.43			55.7	Tr.	122	57	
	9	47.47	2			53.66 [2]			54.3	Tr.	123	49	[2] Minute assumed.
15315	8	46.52	4	17	33	56.53	42	39	15.6	Mer.	36	26	
	7.8	46.53	5			56.84			16.9	Mer.	42	25	
15316	8	47.34	1	17	33	56.97	27	9	48.1	Mer.	100	37	
	9	46.52	1			57.29			48.0	Tr.	36	64	
15317	10	47.40	1	17	34	9.63	31	20	6.7	Tr.	120	11	
15318	7	46.52	3	17	34	15.87	34	41	41.9	Tr.	39	22	
15319	9	48.55	2	17	34	16. . . [3]	24	59	57.8	Tr.	175	1	[3] Separate threads give $16^{s}.19$, $15^{s}.30$. GZ gives $16^{s}.2$.
15320	11	49.47	1	17	34	17.59	19	25	46.6	Mu.	259	42	
15321	9	46.53	1	17	34	17.74	39	46	22.7	Tr.	43	21	
15322	8	46.61	3	17	34	22.69	31	11	66.7	Mu.	44	2	
	8	47.40	1			22.83			55.7	Tr.	120	10	
	9	46.61	3			22.85			56.7	Tr.	55	1	
15323	9	47.32	2	17	34	23.36	29	13	53.7	Mer.	97	130	
15324	5.6	49.47	3	17	34	26.37	21	36	16.3	Tr.	244	66	
	4	49.47	4			26.38			17.2	Mu.	257	46	
	7	49.54	4			26.40			17.9	Mu.	268	4	
	6	49.47	3			26.58			14.8	Tr.	245	39	
	6.7	49.53	4			26.61			17.6	Mu.	266	23	
15325	12	46.48	1	17	34	26.89	29	25	34.2	Tr.	32	57	
15326	9	46.46	1	17	34	35.27	32	17	53.5	Mu.	25	49	
	10	46.46	2			35.55			. . . .	Tr.	30	52	
15327	8.9	46.34	2	17	34	36.34	43	32	9.1	Mer.	14	27	
15328	10	47.51	1	17	34	36.89	26	13	50.6 [4]	Mer.	194	19	[4] Decl. changed one wire interval south.
	8.9	47.34	2			36.98			49.1	Mu.	114	48	
	8	46.52	3			37.18			48.8	Mu.	31	50	
	8.9	46.53	6			37.29			48.8	Mer.	41	2	
	8	48.45	3			37.30			49.5	Tr.	165	41	
15329	8	46.52	1	17	34	49.75	27	23	0.4	Tr.	36	65	
15330	7.8	46.53	1	17	34	58.69	35	27	27.3	Tr.	44	12	
	8	46.52	2			58.71			28.8	Mu.	33	16	
	8	46.29	4			58.72			28.0	Tr.	12	36	
	7	46.47	2			58.82			26.8	Tr.	31	15	
	7	46.53	4			58.85			28.0	Mu.	35	4	
15331	9	48.54	2	17	35	8.40 [5]	23	36	. . . .	Mer.	131	13	[5] One of three threads rejected; R. A. $= 7^{s}.68$.
	7	48.55	7			8.93			17.4	Mer.	132	20	
	9	48.49	3			9.04			. . . .	Mer.	129	33	
	6	48.45	2			9.11 [6]			17.8	Mu.	171	17	[6] One thread increased one thread interval.
15332	8	47.44	1	17	35	8.62	28	6	16.9	Mu.	117	107	
	8	46.60	2			9.02			. . . .	Tr.	51	14	
	8	47.40	2			9.37			25.2 [7]	Mer.	189	72	[7] Decl. changed one rev. south.
	9	46.46	3			9.40			20.3	Mer.	27	67	
15333	9	46.46	1	17	35	14.64	33	45	4.3	Mu.	22	90	
15334	9	46.46	4	17	35	17.18 [8]	41	11	21.1	Mer.	26	76	[8] One of five threads rejected; R. A. $= 17^{s}.89$.
	8.9	46.39	6			17.26 [9]			22.5	Mer.	21	45	[9] Two threads increased 10 sec. each.
15335	10	49.47	1	17	35	20.20	21	39	31.9	Tr.	245	40	
15336	8	49.54	3	17	35	21.37	22	7	15.5	Mu.	268	5	
	7	48.55	6			21.38			16.7	Mu.	181	35	
	8.7	49.47	1			21.39			18.0 [10]	Mu.	257	47	[10] Decl. changed ten rev. north.
	8.9	48.45	4			21.41			. . . .	Mer.	127	14	
15337	11	49.47	1	17	35	21.72 [11]	21	23	5.1	Tr.	244	67	[11] R. A. decreased one thread interval.
	9.10	49.53	2			21.72			8.2	Mu.	266	24	
15338	10	48.55	3	17	35	22.15	27	9	24.2	Tr.	177	6	
	8	47.34	1			22.18			23.2	Mer.	100	38	
	8	46.46	3			22.18			26.8	Mer.	28	19	
	8	48.49	2			22.19			21.7	Mu.	176	31	
	7	46.52	1			22.31			22.5	Tr.	36	66	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
15339	9	47.34	1	17	35	27.18	26	30	54.6	Mu.	114	49	
	9	46.52	2			28.02			53.5	Mu.	31	51	
	9	46.53	5			28.12[1]			53.8	Mer.	41	3	[1] R. A. decreased 1 min.
15340	9	47.44	3	17	35	30.01	30	6	40.3	Mer.	190	100	
	10	47.47	2			30.09[2]			39.5[3]	Tr.	123	50	[2] One thread decreased one thread interval. R. A. increased 10 min.
15341	10	46.61	2	17	35	35.24	25	39	22.7	Tr.	53	3	
15342	9	47.40	1	17	35	38.80	31	2	22.2	Tr.	120	12	[3] Decl. changed one wire interval north.
	10	46.42	1			38.85			32.0[4]	Tr.	25	45	[4] If micrometer reading be assumed as 10.30 instead of 10.50 rev., as recorded, Decl. = 21″.9. GZ gives 22″.
15343	10	49.47	1	17	35	40.15	21	56	59.9	Mu.	257	48	
	9.10	49.54	1			40.30			60.6	Mu.	268	6	
15344	9	47.44	1	17	35	40.99	29	46	48.4	Mer.	190	101	
	8	46.54	2			41.33			42.7	Mu.	37	35	
	9	46.48	1			41.40			47.6	Tr.	32	58	
	8	47.48	3			41.56			45.5[5]	Tr.	125	3	[5] Decl. changed four wire intervals and one rev. south.
	9	47.32	1			41.59[6]			42.7	Mer.	97	131	
	8	47.46	1			41.80			46.3	Tr.	122	58	[6] R. A. decreased one thread interval.
15345	9	46.52	1	17	35	42.84	27	23	22.0	Tr.	36	67	
15346	8	47.40	1	17	35	43.43	28	15	14.3	Mer.	189	73	
15347	9	47.40	1	17	35	48.63	30	59	7.6	Tr.	120	13	
	9	46.42	1			48.79			8.0	Tr.	25	46	
15348	8	47.40	1	17	35	53.36	28	25	21.9	Mer.	189	74	
15349	9	46.46	3	17	35	56.09	27	58	29.1	Mer.	27	68	
15350	9.10	48.48	2	17	35	59.53	22	49	4.4	Mu.	175	71	
15351	9	48.55	2	17	36	2.91	25	17	17.7[7]	Tr.	175	2	[7] Decl. changed two wire intervals and two rev. south.
	10	48.55	3			3. . .[8]			15.6	Tr.	174	29	
	10	48.41	1			3.33			16.2	Mu.	166	34	[8] Separate threads give 2^{s}.86, 3^{s}.35, 4^{s}.14.
15352	9	46.46	3	17	36	3.93[9]	27	59	41.8	Mer.	27	69	[9] R. A. decreased 1 min.
15353	8	46.39	2	17	36	6.56	39	11	45.1	Mu.	15	69	
	7	46.53	2			6.65			48.5	Tr.	43	22	
15354	8.9	46.34	4	17	36	7.61	43	25	32.1	Mer.	14	28	
15355	7	46.60	2	17	36	8.27	28	20	. . . .	Tr.	51	15	
	8	47.44	1			8.53			8.7	Mu.	117	108	
15356	8.9	46.52	2	17	36	10.21	40	30	51.5	Mer.	38	18	
15357	9.10	49.53	2	17	36	12.22	21	38	21.6	Mu.	266	25	
	10	49.47	1			12.77			21.9	Tr.	245	41	
15358	8	46.46	6	17	36	16.96	41	12	52.3	Mer.	26	77	
	8	46.39	6			17.15			54.1	Mer.	21	46	
15359	7	46.53	3	17	36	19.55	40	19	27.0	Mu.	34	28	
	7	46.52	2			19.78			27.1	Mer.	38	19	
15360	7	48.55	2	17	36	21.72	23	39	40.1	Mer.	132	21	
15361	9	46.52	1	17	36	26.75	27	8	54.0	Tr.	36	68	
15362	9.10	46.46	2	17	36	28.06	33	42	8.5	Mu.	22	91	
15363	6.7	46.52	2	17	36	28. . .[10]	34	49	3.4	Mu.	33	17	[10] Separate threads give 26^{s}.89, 28^{s}.22.
	6	46.52	3			28.16			4.7[11]	Tr.	39	23	[11] Decl. changed one wire interval south.
15364	9	47.29	1	17	36	29.07	29	0	. . . .	Mer.	94	67	
15365	8.9	46.39	2	17	36	32.31	40	47	35.1	Mer.	21	47	
15366	8	47.34	2	17	36	38.95[12]	26	54	11.4	Mer.	100	39	[12] One of three threads rejected; R. A.=38^{s}.10.
	6	48.49	2			38.96			14.2	Mu.	176	32	
	9	48.55	3			39.02			12.7	Tr.	177	7	
	7.8	46.46	3			39.05			16.8	Mer.	28	20	
15367	10	48.49	2	17	36	45.44	20	8	. . . .	Tr.	169	53	
	9.10	49.47	2			46.09			4.9	Mu.	261	27	
15368	6	46.46	2	17	36	49.73	38	2	39.7	Tr.	29	56	
15369	8	46.53	1	17	36	54.47	39	21	18.6	Tr.	43	23	
15370	12	46.46	2	17	36	55.60	31	53	. . . .	Tr.	30	53	
15371	9	48.45	3	17	36	56.64	22	33	. . . .	Mer.	127	15	
	9	48.55	2			56.76			25.5	Mu.	181	36	
15372	8	47.32	2	17	37	2.55	29	35	63.2[13]	Mer.	97	132	[13] Decl. changed one wire interval north.
	9	47.48	3			2.72			55.1	Tr.	125	4	
	8	46.48	2			2.82			60.8	Tr.	32	59	
15373	2.3	46.52	3	17	37	5.77	40	3	43.4	Mer.	38	20	
	4	46.53	2			5.90			42.5	Mu.	34	29	
15374	9	47.34	1	17	37	5.89	26	7	58.7	Mu.	114	50	
	8	46.52	3			5.92			63.8	Mu.	31	52	
	9	46.53	2			6.23			62.9	Mer.	41	4	
	9	48.45	3			6.29			62.2	Tr.	165	42	
	10	47.51	2			6.55[14]			64.2[15]	Mer.	194	20	[14] One of three threads rejected; R. A.=5^{s}.33.
15375	10	47.47	1	17	37	6.08	27	22	18.3	Mer.	101	25	[15] Decl. changed one wire interval south.
	8	46.60	4			6.31			21.8	Mu.	41	5	
	8	46.52	1			6.35			25.6	Tr.	36	69	
	9	47.54	1			6.46			23.9	Mer.	195	26	
15376	8	47.32	1	17	37	6.20[16]	29	19	43.2	Mer.	97	133	[16] Minute assumed.
	8	46.48	7			6.54			34.0	Mer.	32	3	
15377	8	46.46	2	17	37	9.99	32	20	53.8	Mu.	25	50	
15378	9	52.52	5	17	37	10.00	17	34	34.6	Tr.	282	1	
15379	9.10	49.54	2	17	37	10.96	21	31	48.2	Mu.	268	7	
	9.10	49.53	2			11.41			47.9	Mu.	266	26	
	9	49.47	1			11.57			48.1	Tr.	244	68	
15380	7	46.52	2	17	37	13.32	34	47	4.1	Tr.	39	24	
15381	8	48.45	1	17	37	15.07	24	4	27.7	Mu.	171	18	
	9.10	48.49	3			15.08			. . . .	Mer.	129	34	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
15382	9	46.46	1	17	37	18.73	38	17	42.9	Tr.	29	57	
15383	8	46.53	3	17	37	23.58	35	38	15.7	Mu.	35	5	
	8	46.53	1			23.86			14.3	Tr.	44	13	
15384	8	46.61	2	17	37	25.41[1]	25	41	25.5	Tr.	53	4	[1] Separate threads give $25^{s}.06$, $25^{s}.77$.
	8	47.54	2			26.16			21.0	Mu.	123	7	
15385	6	48.55	3	17	37	32.58	23	37	10.5	Mer.	132	22	
15386	11	46.61	1	17	37	34.09	25	42	28.3	Tr.	53	5	
15387	11	46.46	1	17	37	34.30	32	8	....	Tr.	30	54	
15388	9	46.53	1	17	37	34.40	35	44	38.7[2]	Tr.	44	14	[2] Decl. changed one wire interval north.
15389	11	48.55	1	17	37	39.68	26	53	41.6	Tr.	177	8	
15390	7.8	46.52	3	17	37	39.74	35	9	34.4	Mu.	33	18	
15391	9.10	49.54	1	17	37	40.20	21	26	44.7	Mu.	268	8	
	9	49.53	1			40.79			46.7	Mu.	266	27	
15392	10	48.41	2	17	37	46.90	24	50	55.2	Mu.	166	35	
15393	9	46.61	2	17	37	54.51	31	7	34.7	Tr.	55	2	
	9	47.40	2			54.58			36.3	Tr.	120	14	
	8	46.42	2			54.69			37.0	Tr.	25	47	
15394	10	48.49	1	17	37	57.40[3]	23	30	....	Mer.	129	35	[3] R. A. decreased 1 min.
15395	9.10	46.46	3	17	38	4.27	33	56	50.6	Mu.	22	92	
15396	9	46.46	4	17	38	4.51	33	55	57.7	Mu.	22	93	
15397	4.5	47.44	2	17	38	7.12	27	46	4.9	Mu.	117	109	
	5.6	47.54	5			7.33			1.4[4]	Mer.	195	27	[4] Decl. changed ten rev. north.
	6.7	46.46	5			7.34			3.4[5]	Mer.	27	70	[5] Decl. changed one rev. north.
	5	46.60	4			7.46			2.9	Mu.	41	6	
15398	7	46.53	2	17	38	9.41[6]	35	49	59.9	Mu.	35	6	[6] R. A. increased 30 sec.
	8.9	46.29	4			9.70			59.6	Tr.	12	37	
	7	46.53	1			9.80			60.1	Tr.	44	15	
15399	7	46.46	1	17	38	10.23	38	4	18.6	Tr.	29	58	
15400	9	47.40	1	17	38	11.38	28	23	54.9[7]	Mer.	189	75	[7] Decl. changed ten rev. south.
	8	46.60	2			11.48			....	Tr.	51	16	
15401	6	46.52	2	17	38	12.60	34	31	14.8	Tr.	39	25	
15402	9	46.53	2	17	38	13.62	26	17	5.5	Mer.	41	5	
	9	46.52	1			13.69			6.9	Mu.	31	53	
	10	48.45	3			13.99			6.9	Tr.	165	43	
15403	7	46.53	2	17	38	14.48	39	50	17.0	Mu.	34	30	
	7	46.53	2			14.66			14.8	Tr.	43	24	
15404	10	49.54	1	17	38	14.53	22	1	8.2	Mu.	268	9	
15405	10	46.42	1	17	38	15.52	30	50	10.8	Tr.	25	48	
	9	47.40	1			15.62			9.7	Tr.	120	15	
	7.8	47.46	2			15.77			9.6	Mu.	120	99	
15406	..	47.32	1	17	38	22.06[8]	29	29	....	Mer.	97	134	[8] Minute assumed.
15407	10	49.47	1	17	38	26.84	21	8	8.5	Tr.	244	69	
15408	9	46.53	1	17	38	26.94	39	22	9.3	Tr.	43	25	
15409	5	46.46	3	17	38	28.07	32	36	32.3	Mu.	25	51	
15410	8	46.46	5	17	38	28.62	41	24	5.6	Mer.	26	78	
15411	8	46.61	4	17	38	28.77	25	7	36.7	Mu.	42	1	
	9	48.55	2			29.06			32.1	Tr.	174	30	
15412	10	46.54	2	17	38	28.83	30	9	7.4	Mu.	37	36	
	11	47.47	2			29.16[9]			5.6[10]	Tr.	123	51	[9] Minute assumed.
	10	47.44	1			29.40			7.8	Mer.	190	102	[10] Decl. changed one wire interval south.
15413	8.9	49.47	5	17	38	34.18	20	46	29.1	Mu.	258	43	
	9	48.52	4			34.58			....[11]	Tr.	171	9	[11] Decl. changed one rev. north.
15414	9	46.46	4	17	38	36.07	37	21	8.8	Mu.	24	51	
15415	7	46.46	2	17	38	40.38	38	3	28.6	Tr.	29	59	
15416	9	47.29	3	17	38	41.58	28	42	....	Mer.	94	68	
	9	46.48	6			41.68[12]			8.1	Mer.	32	4	[12] One of seven threads rejected; R. A.$=40^{s}.96$.
	8	47.55	2			41.74			10.3	Mu.	124	3	
15417	7	48.55	6	17	38	41.98	22	24	58.9	Mu.	181	37	
	8	48.45	5			42.24			....	Mer.	127	16	
15418	8	46.52	1	17	38	45.83	34	59	52.4	Mu.	33	19	
15419	9	48.54	1	17	38	45.66	22	54	....	Mer.	131	14	
	9.10	48.48	2			46.02[13]			37.7	Mu.	175	72	[13] One of three threads rejected; R. A.$=45^{s}.21$.
15420	8	47.44	2	17	38	48.61	30	14	21.7	Mer.	190	103	
	8	46.54	2			48.96			21.4	Mu.	37	37	
	8	47.46	1			48.98[14]			23.0	Mu.	120	100	[14] R. A. increased one thread interval.
	8	47.47	2			49.08			20.6[15]	Tr.	123	52	[15] Decl. changed one wire interval and nine rev. north.
	9	47.46	2			49.46			22.9	Tr.	122	59	
15421	9	47.44	1	17	38	57.60	30	25	5.0	Mer.	190	104	
	10	47.46	1			58.81			9.9	Tr.	122	60	
15422	9	46.53	4	17	38	60. . .[16]	42	32	53.9	Mer.	42	26	[16] Separate threads give $60^{s}.86$, $60^{s}.79$, $60^{s}.02$, $59^{s}.72$.
15423	7	46.39	4	17	39	2.05	38	55	34.0	Mu.	15	70	
15424	7	46.46	4	17	39	5.02	26	54	58.9	Mer.	28	21	
	8	48.55	2			5.03			56.4	Tr.	177	9	
	3	48.49	3			5.25			55.0	Mu.	176	33	
	6.7	47.34	5			5.28[17]			55.4	Mer.	100	40	[17] Two of seven threads rejected; R. A.$=3^{s}.40$, $3^{s}.66$.
	6	46.52	2			5.33			55.1	Tr.	36	70	
15425	9	46.46	5	17	39	9.66[18]	41	23	2.1[19]	Mer.	26	79	[18] R. A. decreased 1 min. One of six threads rejected; R. A.$=8^{s}.49$.
15426	8	47.55	1	17	39	12.02	28	36	47.6	Mu.	124	4	
15427	8.9	48.54	2	17	39	14.70	23	10	....	Mer.	131	15	[19] Decl. changed one wire interval and one rev. north.
	8	48.48	2			15.46			23.9	Mu.	175	73	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
15428	10	46.46	1	17	39	18.98	33	11	33.3	Tr.	26	40	
15429	8	46.60	2	17	39	22.46	28	11	....	Tr.	51	17	
	8.9	46.46	4			22.61			17.8	Mer.	27	71	
	8	47.44	2			22.70			18.6	Mu.	117	110	
15430	6	46.61	4	17	39	26.15	31	38	44.2	Tr.	55	3	
15431	8	46.53	1	17	39	26.22	35	19	18.0	Tr.	44	16	
	7	46.53	2			26.48			16.4	Mu.	35	7	
15432	7.8	46.61	3	17	39	34.23	31	11	52.8	Mu.	44	3	
	8	47.40	1			34.53			51.6	Tr.	120	16	
15433	6	46.42	2	17	39	37.43	30	32	18.7	Tr.	25	49	
	7	47.46	1			37.79			19.0	Mu.	120	101	
15434	9	46.46	2	17	39	38.04[1]	41	23	6.9[2]	Mer.	26	80	[1] R. A. decreased 1 min.
15435	9	46.40	2	17	39	38.93	36	59	....[3]	Tr.	22	35	[2] Decl. changed one wire interval and one rev. north.
15436	9	48.49	1	17	39	41.22	23	34	....[4]	Mer.	129	36	
	9	48.55	2			41.82[5]			9.7[6]	Mer.	132	23	[3] Decl. changed one wire interval north.
15437	7	46.53	2	17	39	42.02	40	2	6.2	Mu.	34	31	[4] Decl. changed one rev. south.
	5.6	46.52	5			42.03			7.9	Mer.	38	21	[5] R. A. increased 10 sec.
15438	7	46.61	2	17	39	43.06	25	41	35.9	Tr.	53	6	[6] Decl. changed one rev. north.
	7.8	47.54	4			43.11			32.0	Mu.	123	8	
	8	48.41	3			43.34			36.2	Mer.	125	45	
15439	11	46.46	2	17	39	43.42	31	56	....	Tr.	30	55	
15440	8	46.46	2	17	39	47.98	41	35	38.4	Mer.	26	81	
15441	8.9	49.47	3	17	39	48.23	19	43	20.6	Mu.	261	28	
	10	48.49	2			48.24			....[7]	Tr.	169	54	[7] Decl. changed one wire interval north.
	9	49.47	3			48.59			20.5	Mu.	259	43	
15442	10	46.53	1	17	39	50.41	39	44	22.0	Tr.	43	26	
15443	8	47.48	2	17	39	52.03	29	22	51.4	Tr.	125	5	
	10	46.48	2			52.57			51.4	Tr.	32	60	
	9	47.32	1			52.78			52.2	Mer.	97	135	
15444	8.9	46.48	4	17	39	54.65	29	15	29.5	Mer.	32	5	
	9	47.32	1			54.99			24.0	Mer.	97	136	
15445	10	47.54	2	17	39	55.02	27	25	12.2	Mer.	195	28	
15446	11	48.55	1	17	39	56.24	24	46	48.2[8]	Tr.	174	31	[8] Decl changed one rev. north.
15447	8	46.52	2	17	40	6.50	35	5	50.5	Mu.	33	20	
15448	8.9	46.53	6	17	40	8.83	42	16	27.7	Mer.	42	27	
15449	8	46.46	1	17	40	8.93	31	38	....	Tr.	30	56	
15450	9	47.40	1	17	40	9.22	30	49	42.0	Tr.	120	17	
15451	8	48.48	2	17	40	13.23	23	18	46.5	Mu.	175	74	
15452	9	46.52	1	17	40	13.45	27	20	33.0	Tr.	36	71	
15453	10	46.60	1	17	40	16.40	28	20	....	Tr.	51	18	
15454	8	48.41	1	17	40	18.98	25	55	42.1	Mer.	125	46	
	8	46.61	3			19.00			37.6	Tr.	53	7	
15455	7	46.52	1	17	40	19.17	34	25	32.1[9]	Tr.	39	26	[9] If micrometer reading be assumed as 5.31 instead of 5.51 rev., as recorded, Decl. = 22″.0. Gou gives 21″. GZ gives 20″.
15456	9	46.53	1	17	40	19.43	35	39	28.3	Tr.	44	17	
15457	8	47.40	1	17	40	27.87	30	54	23.1	Tr.	120	18	
	7.8	47.46	1			28.07			25.3	Mu.	120	102	
	8	46.42	1			28.15			24.1	Tr.	25	50	
15458	9	46.46	1	17	40	28.30	38	13	25.7	Tr.	29	61	
15459	9	46.46	1	17	40	28.76	38	25	22.5	Tr.	29	60	
15460	9	49.47	4	17	40	30. . .[10]	20	46	31.3	Mu.	258	44	[10] Separate threads give $29^s.68$, $30^s.44$, $29^s.72$, $30^s.67$.
	9	48.52	4			30.26			....[11]	Tr.	171	10	
15461	9	46.46	4	17	40	32.86	28	4	34.6	Mer.	27	72	[11] Decl. changed one rev. north.
15462	10	46.29	3	17	40	39.91	35	28	47.8	Tr.	12	38	
	9	46.53	1			40.07			47.0	Tr.	44	18	
15463	8	49.47	2	17	40	41.56	19	57	4.3	Mu.	261	29	
15464	10	48.49	1			41.85			....	Tr.	169	55	
	7	46.52	1	17	40	43.36	26	45	26.4	Tr.	36	72	
	6	48.49	1			43.56			26.0	Mu.	176	35	
	8	46.46	2			43.69			30.7	Mer.	28	22	
	8	46.53	4			43.74			32.4	Mer.	41	6	
	8	47.34	3			43.98			26.6	Mer.	100	41	
15465	10	48.45	2	17	40	44.01	26	34	29.5	Tr.	165	44	
15466	5	48.45	2	17	40	47.30	24	9	7.8	Mu.	171	19	
	9	48.49	2			47.32			....	Mer.	129	37	
	8	48.43	1			47.47			9.9	Mu.	170	48	
15467	.9	46.46	3	17	40	57.81[12]	33	39	16.1	Mu.	22	94	[12] Two threads decreased 10 sec. each.
	5.6	46.46	2			58.06			15.3	Tr.	26	41	
15468	4	48.49	2	17	40	58. . .[13]	27	0	25.5	Mu.	176	34	[13] Separate threads give $58^s.65$, $57^s.77$. Gou gives $58^s.2$.
	7	46.46	2			58.07			24.7	Mer.	28	23	
	8	48.55	3			58.32			23.8	Tr.	177	10	
	6	46.52	1			58.35			28.7	Tr.	36	73	
	8	47.34	1			59.11[14]			27.4	Mer.	100	42	[14] R. A. increased 1 min. and decreased one thread interval.
15469	8.9	46.53	2	17	40	58.10[15]	26	16	21.8	Mer.	41	7	
	7	46.52	4			58.11			24.7	Mu.	31	54	[15] One of three threads rejected; R. A. = $59^s.12$.
	8	47.46	3			58.15[16]			24.0	Mer.	191	79	[16] R. A. increased 1 min.
	7.8	47.34	4			58.29			23.5	Mu.	114	51	
	9	47.51	3			58.43			23.6	Mer.	194	21	
15470	9	46.46	5	17	40	59.46	37	45	33.2	Mu.	24	52	
15471	6	46.52	3	17	40	59.76	40	43	14.0	Mer.	38	22	
	6.7	46.39	7			60.00			8.8	Mer.	21	48	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
15472	8	46.52	2	17	41	0.86	35	1	9.4	Mu.	33	21	
15473	10.11	49.47	1	17	41	1.95 [1]	19	50	53.3 [2]	Mu.	261	30	[1] "Time of transit doubtful."
15474	7	46.53	2	17	41	3.52	35	17	46.4	Mu.	35	8	[2] If micrometer reading be assumed as 42.071 instead of 42.271 rev., as recorded, Decl. = 65″.9. AW gives 63″. Mü$_1$ gives 67″
15475	8	47.32	3	17	41	8.05	29	13	33.8	Mer.	97	137	
	9	46.48	3			8.18			36.3	Mer.	32	6	
	8	46.48	2			8.37			37.4	Tr.	32	61	
15476	10	48.54	2	17	41	8.65	23	4	....	Mer.	131	16	
	8.9	48.48	2			8.71			36.6	Mu.	175	75	
	9	48.52	1			8.89			37.4	Mu.	178	1	
15477	9	47.40	1	17	41	9.48	30	54	10.9	Tr.	120	19	
	9	46.42	1			9.82			11.4	Tr.	25	51	
15478	9	52.52	5	17	41	11.96	17	15	38.3	Tr.	282	2	
15479	10	46.30	2	17	41	12.38	32	56	18.7	Tr.	15	77	
15480	8	48.41	3	17	41	15.97	24	48	3.9	Mu.	166	36	
	8	46.61	3			16.21			2.7	Mu.	42	2	
	10	48.55	2			16.39			5.8	Tr.	174	32	
15481	8.9	46.34	3	17	41	18.94	43	9	21.2	Mer.	14	29	
15482	8	47.40	1	17	41	23.68	30	55	12.7	Tr.	120	20	
	9	46.42	1			23.86			11.2	Tr.	25	52	
15483	9	46.46	1	17	41	24.86 [3]	33	46	47.4	Mu.	22	95	[3] R. A. decreased 10 sec.
15484	8	47.55	1	17	41	33.02	28	36	28.0	Mu.	124	5	
15485	7	47.46	1	17	41	33.24	30	30	24.7	Mu.	120	103	
15486	7	46.40	4	17	41	33.30	36	25	6.1	Mu.	16	60	
15487	8.9	47.46	1	17	41	33.60	30	30	37.0	Mu.	120	104	
15488	11	46.46	1	17	41	35.13	33	16	31.9	Tr.	26	42	
15489	9	48.55	2	17	41	36.95	21	52	48.4	Mu.	182	1	
	9.10	49.54	2			37.52			49.6	Mu.	268	10	
15490	9	46.46	5	17	41	43.31	27	46	45.3	Mer.	27	73	
	8.9	46.60	3			43.44			47.3	Mu.	41	7	
15491	10	47.54	4	17	41	43.31	27	23	26.3	Mer.	195	29	
15492	9	49.54	1	17	41	46.35	21	44	28.7	Mu.	268	11	
15493	8	46.53	1	17	41	48.66	35	19	1.1	Mu.	35	9	
	7	46.53	1			48.85			2.0	Tr.	44	19	
15494	10	46.46	2	17	41	50.29	31	59	....	Tr.	30	57	
15495	8	46.61	4	17	41	52.64	31	21	52.6	Mu.	44	4	
	8	46.61	3			52.68			52.2	Tr.	55	4	
15496	10	47.31	1	17	41	54.92	30	14	19.4	Mer.	96	70	
	8	46.54	3			55.76			17.9	Mu.	37	38	
	10	47.47	1			56.06			22.8	Tr.	123	53	
	9	47.44	3			56.25			20.5	Mer.	190	105	
15497	8.9	48.55	4	17	42	1.53	22	52	7.6	Mu.	181	38	
	8	48.52	2			1.54			9.0	Mu.	178	2	
	8	48.48	2			1.60			7.3	Mu.	175	76	
	9	48.54	3			1.72			....	Mer.	131	17	
	9	48.45	6			1.73			....	Mer.	127	17	
15498	9.10	46.46	2	17	42	2.19 [4]	37	42	13.8	Mu.	24	53	[4] R. A. increased 1 min.
15499	8	46.53	4	17	42	9.49	41	56	34.7	Mer.	42	28	
15500	5	46.52	2	17	42	13.73	34	45	13.3	Tr.	39	27	
15501	10	49.47	1	17	42	15.07	20	54	57.4	Mu.	258	45	
	10	49.47	2			15.32			61.6	Tr.	244	70	
	9.10	49.53	2			15.45			57.5	Mu.	266	28	
15502	9	46.53	2	17	42	18.70 [5]	26	49	41.6	Mer.	41	8	[5] One of three threads rejected; R. A. = 19^s.44.
	8.9	46.46	1			18.88			41.3	Mer.	28	24	
	8	46.52	1			19.18			39.5	Tr.	36	74	
15503	9	46.48	2	17	42	22.23	28	34	29.3	Mu.	27	47	
	8	47.55	1			22.72			31.4	Mu.	124	6	
	9	46.48	3			22.80			28.9	Mer.	32	7	
	9	47.40	2			22.83			35.3	Mer.	189	76	
15504	7	46.46	1	17	42	22.87	38	35	50.4	Tr.	29	62	
15505	10	46.53	1	17	42	26.62	39	33	10.9	Tr.	43	27	
15506	8	48.55	5	17	42	30.00	23	37	51.0	Mer.	132	24	
	5	48.45	2			30.46			49.5	Mu.	171	20	
	9	48.49	2			31.26 [6]			.... [7]	Mer.	129	38	[6] One of three threads rejected; R. A. = 30^s.26.
15507	9	47.48	2	17	42	31.60	29	35	4.2	Tr.	125	6	[7] Decl. changed five rev. south.
15508	6	47.40	1	17	42	34.48	31	16	54.6	Tr.	120	21	
	7	46.61	3			34.60			54.5	Tr.	55	5	
	7	46.61	3			34.68			53.5	Mu.	44	5	
15509	9	47.44	2	17	42	34.57	30	6	19.4	Mer.	190	106	
	9	46.54	1			34.69			18.9	Mu.	37	40	
	10	47.46	1			35.00			20.7	Tr.	122	61	
15510	7	47.54	5	17	42	37.27	25	43	33.3	Mu.	123	9	
	7	46.61	2			37.52			36.1	Tr.	53	8	
	6	48.63	4			37.58			33.8	Mer.	139	1	
	6	48.41	7			37.68			36.1	Mer.	125	47	
15511	9	47.44	1	17	42	41.38	28	24	19.5	Mu.	117	111	
	8	46.60	3			41.42			....	Tr.	51	19	
	9	47.40	2			41.58			21.3	Mer.	189	77	
15512	8.9	46.46	2	17	42	42.16	26	50	53.9	Mer.	28	25	
	8	46.52	1			42.22			56.8	Tr.	36	75	
	9	48.55	2			42.26 [8]			55.0 [9]	Tr.	177	11	[8] R. A. decreased one thread interval.
	8.9	47.34	2			42.32			53.9	Mer.	100	43	[9] Decl. changed one wire interval north.
	6	48.49	1			42.33			53.5	Mu.	176	36	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES
		1800+		h	m	s	°	′	″				
15513	10	46.61	2	17	42	43.88	25	44	50.1	Tr.	53	9	
15514	9	47.40	1	17	42	44.36	28	25	61.8	Mer.	189	78	
	8	46.48	1			44.42			57.8	Mu.	27	48	
	8	47.44	1			44.47			62.7	Mu.	117	112	
	8	47.55	1			45.33			59.6	Mu.	124	7	
15515	10	47.54	2	17	42	46.03	27	46	34.9	Mer.	195	30	
15516	10	47.54	1	17	42	47.08	27	41	42.5	Mer.	195	31	
15517	8	46.34	4	17	42	47.14[1]	43	40	26.0	Mer.	14	30	[1] Minute assumed.
15518	7	46.54	2	17	42	50. . .[2]	30	10	23.4	Mu.	37	39	[2] Separate threads give $50^{s}.80$, $52^{s}.05$.
	9	47.47	2			50.41			22.1	Tr.	123	54	
	9	47.31	1			50.64			22.4	Mer.	96	71	
	9	47.44	2			50.84			25.5	Mer.	190	107	
	9	47.46	1			51.05			26.7	Tr.	122	62	
15519	9	49.47	1	17	42	50.91	19	43	41.8	Mu.	259	44	
	9	49.47	1			51.03			39.0	Mu.	261	31	
15520	9	49.47	2	17	42	51.31	21	0	51.4	Tr.	244	71	
	9	49.53	1			51.55			45.7	Mu.	266	29	
	10	49.47	1			51.79			44.6	Mu.	258	46	
15521	8	47.32	2	17	42	52.15[3]	29	30	22.8	Mer.	97	138	[3] One of three threads rejected; R A $=53^{s}.06$
	8	47.48	2			52.66			27.6	Tr.	125	7	
	9	46.48	2			52.77			23.2	Tr.	32	62	
15522	9	46.52	3	17	42	52.91	42	51	13.8	Mer.	36	27	
15523	7	46.29	4	17	42	53.13	35	34	42.5	Tr.	12	39	
	6.7	46.53	4			53.15			42.5	Mu.	35	10	
	7.6	46.53	1			53.30			41.2	Tr.	44	20	
15524	8	46.46	3	17	42	53.17[4]	34	4	7.2[5]	Mu.	22	96	[4] One thread decreased one thread interval. Separate threads give $52^{s}.78$, $53^{s}.11$, $53^{s}.63$ Gou gives $52^{s}.7$.
15525	7	46.52	2	17	42	54.84	34	58	29.3	Mu.	33	22	
15526	7	49.47	2	17	42	56.67	19	28	34.3	Mu.	259	45	
	8	52.46	5			56.72			. . . .	Tr.	280	13	[5] Decl. changed one rev. north. If micrometer reading be assumed as 15.97 instead of 15.097 rev., as recorded, Decl. = 15″. 1. Gou gives 14″.
15527	10	48.52	2	17	42	59.94	20	23	. . . .	Tr.	171	11	
	10	49.47	1			60.08			28.5	Mu.	258	47	
15528	8	46.40	4	17	43	2.97	37	2	. . . .	Tr.	22	36	
15529	10	47.44	1	17	43	7.66	30	2	48.3	Mer.	190	108	
15530	9	46.53	1	17	43	11.16	39	50	10.7	Tr.	43	28	
	8	46.53	3			11.43			7.9	Mu.	34	32	
15531	9	48.45	2	17	43	14.14	22	37	. . . .[6]	Mer.	127	18	[6] Decl. changed two wire intervals south.
	9	48.55	3			14.61			28.2	Mu.	181	39	
15532	8.9	46.39	7	17	43	15.33	41	8	3.3	Mer.	21	49	
	8.9	46.46	7			15.46			4.5[7]	Mer.	26	82	[7] Decl. changed one wire interval north
15533	10	48.49	2	17	43	15.81	20	1	. . . .	Tr.	169	56	
	8.9	49.47	1			15.81			57.9	Mu.	261	33	
15534	7	48.63	3	17	43	18.84	25	28	57.7	Mer.	139	2	
15535	5	46.52	2	17	43	19.73	34	41	15.0	Tr.	39	28	
15536	10.11	49.47	1	17	43	20.63	19	44	37.2	Mu.	261	32	
15537	7	46.40	4	17	43	21.05	36	27	55.9	Mu.	16	61	
15538	8.9	46.52	2	17	43	22.48	34	58	29.2	Mu.	33	23	
15539	6.7	46.52	2	17	43	23.01	34	51	7.7	Mu.	33	24	
15540	10	47.40	1	17	43	23.20	31	17	45.0	Tr.	120	22	
15541	7	46.46	2	17	43	26.16	31	59	. . . .	Tr.	30	58	
15542	8	49.47	1	17	43	29.48	19	4	34.5	Mu.	259	46	
15543	9	46.52	2	17	43	41. . .[8]	26	17	29.1	Mu.	31	55	[8] Separate threads give $36^{s}.01$, $41^{s}.78$.
	9	47.34	1			41.34			28.4	Mu.	114	52	
	9	46.53	4			41.53[9]			27.2	Mer.	41	9	[9] Two threads increased 10 sec. each.
15544	9.10	48.49	3	17	43	43.76	24	10	. . . .	Mer.	129	39	
	8	48.55	1			43.88			18.6	Mer.	132	25	
15545	8	47.54	2	17	43	50.92	27	35	13.2	Mer.	195	32	
15546	7.8	47.44	1	17	43	53.29	28	0	57.6	Mu.	117	113	
	9	46.46	7			53.42			56.0	Mer.	27	74	
15547	5	46.52	2	17	43	55.07	34	42	40.3	Tr.	39	29	
15548	9	47.46	1	17	44	1.75	25	57	46.0[10]	Mer.	191	80	[10] Decl. changed one rev. north.
	8	46.61	2			1.90			45.0	Tr.	53	10	
	9	47.51	1			1.97			48.7	Mer.	194	22	
	10	48.45	2			2.09			43.9	Tr.	165	45	
	8	48.41	2			2.34			48.2	Mer.	125	48	
	8	48.63	2			2.57			42.5	Mer.	139	3	
15549	6	46.46	2	17	44	3.47	38	34	54.2	Tr.	29	63	
	8	46.54	1			3.61			51.8	Tr.	47	1	
15550	8	46.46	3	17	44	4.21	32	26	15.7	Mu.	25	52	
15551	10	48.52	1	17	44	5.69	20	48	. . . .[11]	Tr.	171	12	[11] Decl. changed one rev. north.
	10	49.47	1			5.83			23.6	Mu.	258	48	
15552	10	46.29	3	17	44	6.26	35	50	39.9	Tr.	12	40	
	9	46.53	2			6.30			34.9	Mu.	35	11	
	9	46.53	1			6.59			38.2	Tr.	44	21	
15553	10	49.47	2	17	44	7.40	21	22	11.1	Tr.	244	72	
15554	8.9	46.52	4	17	44	8.36	40	12	54.1	Mer.	38	23	
15555	9	46.52	3	17	44	9.24	43	7	3.8	Mer.	36	28	
15556	9	46.48	4	17	44	9.24[12]	28	48	40.4	Mer.	32	8	[12] One of five threads rejected, R. A. $=8^{s}.35$.
15557	7	46.46	1	17	44	9.32	27	14	32.5	Mer.	28	26	
	6.7	46.60	5			9.83			33.6	Mu.	41	8	
	6	46.52	1			9.90			33.8	Tr.	36	76	
	9	48.55	2			9.91			34.2	Tr.	177	12	
	4	48.49	3			10.07			32.5	Mu.	176	37	
	8	47.34	2			10.14			36.0	Mer.	100	44	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
15558	10	46.46	2	17	44	9.77	33	25	56.3	Tr.	26	43	
15559	9	48.55	2	17	44	9.89	22	29	41.9	Mu.	181	40	
15560	8	47.55	1	17	44	10.31	28	58	16.6	Mu.	124	8	
	9	46.48	3			10.79[1]			14.4	Mer.	32	9	[1] One of four threads rejected; R. A.=$9^{s}.53$.
15561	8	46.40	1	17	44	10.97	36	20	3.1	Mu.	16	62	
15562	9	46.46	4	17	44	12.62	37	24	40.5	Mu.	24	54	
15563	10	48.55	2	17	44	14.75	24	43	55.2	Tr.	174	33	
	9	48.55	2			14.98			61.1	Tr.	175	3	
	10	48.63	1			15.47[2]			66.5	Mu.	191	1	[2] R. A. increased one thread interval.
15564	12	46.48	1	17	44	15.61	29	20	52.6[3]	Tr.	32	63	[3] Decl. changed one rev. south.
15565	9	47.29	1	17	44	17.46	28	38	....	Mer.	94	69	
	7.8	47.55	1			17.63			49.1	Mu.	124	9	
	8	46.48	2			17.64			56.5[4]	Mu.	27	49	[4] Decl. changed five rev. south.
	8.9	46.48	2			17.94[5]			51.2	Mer.	32	10	[5] Minute assumed; record doubtful.
15566	10	46.53	1	17	44	20.83	39	21	56.3	Tr.	43	29	
15567	8	46.52	1	17	44	22.21	34	50	21.0	Mu.	33	25	
15568	8	47.46	1	17	44	27.74	30	49	43.2[6]	Mu.	120	105	[6] Decl. changed two rev. north.
	10	46.42	1			27.80			40.6	Tr	25	53	
15569	10	48.55	1	17	44	26.45	21	43	41.3[7]	Mu.	182	2	[7] Decl. changed five rev. south.
	10	49.54	2			28.30			44.3	Mu.	268	12	
15570	8	47.46	1	17	44	30.77	30	49	19.1	Mu.	120	106	
	9	46.42	1			31.33			19.2	Tr.	25	54	
15571	10	46.30	2	17	44	31.36	33	34	24.9	Tr.	15	78	
	10	46.46	1			31.46			27.3	Tr.	26	44	
15572	9	46.53	1	17	44	32.27	35	27	40.6	Tr.	44	22	
15573	9	52.52	5	17	44	33.18	17	26	35.7	Tr.	282	3	
15574	10	47.40	1	17	44	33.27	31	13	20.6	Tr.	120	23	
	8.7	46.61	2			33.40			19.6	Mu.	44	6	
15575	10	49.53	2	17	44	35.28[8]	21	6	50.5	Mu.	266	30	[8] One of three threads rejected; R. A.=$34^{s}.45$.
15576	9	46.46	1	17	44	42.73	33	55	6.1	Mu.	22	98	
15577	9	46.46	3	17	44	46.22	33	52	4.8	Mu.	22	97	
15578	9	46.54	1	17	44	47.45[9]	29	48	54.8	Mu.	37	41	[9] R. A. decreased one thread interval
	9	47.32	1			47.54			54.8	Mer.	97	139	
15579	6	46.52	1	17	44	49.30	34	30	18.0	Tr.	39	30	
15580	8	49.47	3	17	44	53.52	19	50	54.6	Mu.	261	34	
	10	48.49	2			53.77			....	Tr.	169	57	
15581	6	46.40	2	17	44	58.96	36	26	23.3	Mu.	16	63	
15582	8	48.41	2	17	44	59.66	25	55	32.9	Mer.	125	49	
	9	46.61	2			59.69			31.4	Tr.	53	11	
	8	48.63	1			59.71			28.0	Mer.	139	4	
	8	47.54	1			59.83			29.8	Mu.	123	10	
15583	11	46.46	2	17	45	1.72	32	4	....	Tr.	30	59	
15584	10	47.54	1	17	45	3.66	27	15	29.4	Mer.	195	33	
	9	46.52	1			3.72			24.2	Tr.	36	77	
15585	9	47.34	1	17	45	4.86	26	11	50.4	Mu.	114	53	
	9	46.53	3			4.92[10]			50.0	Mer.	41	11	[10] R. A. decreased one thread interval.
	10	48.45	2			5.09			52.9	Tr.	165	46	
	8	46.52	2			5.11			48.8	Mu.	31	56	
15586	8	47.34	1	17	45	8.78	26	35	25.5	Mer.	100	45	
	8	46.46	1			8.80			19.4	Mer.	28	27	
	9	46.53	4			8.95			20.7[11]	Mer.	41	10	[11] Decl. changed ten rev. south.
	9	47.46	3			8.98[12]			23.7	Mer.	191	81	[12] R. A. decreased 10 sec. One of four threads rejected; R. A.=$9^{s}.70$.
15587	9	52.52	5	17	45	15.33	17	22	27.4	Tr.	282	4	
15588	8	46.46	2	17	45	20.36	38	6	49.0	Tr.	29	64	
	9	46.54	1			20.39			49.7	Tr.	47	2	
15589	8	46.53	7	17	45	21.04	42	17	16.8	Mer.	42	29	
15590	8	46.46	1	17	45	23.81	38	38	37.7	Tr.	29	65	
15591	9	46.53	1	17	45	24.07	39	18	47.3	Tr.	43	30	
15592	8	51.57	5	17	45	28.60	19	24	55.2	Tr.	267	18	
15593	8	46.54	1	17	45	32.80[13]	29	46	29.0	Mu.	37	42	[13] R. A. decreased one thread interval.
	8	47.32	2			32.92			37.6	Mer.	97	140	
	8	46.48	1			33.11			41.7	Tr.	32	64	
	9	47.46	1			33.50			34.6	Tr.	122	63	
15594	8	47.46	1	17	45	36.05	30	33	57.7	Mu.	120	107	
	8	46.42	1			36.45			58.1	Tr.	25	55	
15595	10	48.55	3	17	45	37.00	21	24	40.5[14]	Mer.	133	1	[14] Decl. changed one rev. south.
15596	6	48.41	1	17	45	39.88	24	51	6.1	Mu.	166	37	
	8	48.55	4			40.12			5.2	Tr.	174	34	
	6	46.61	4			40.17			3.6	Mu.	42	3	
	7	48.55	2			40.26			3.7	Tr.	175	4	
	7	48.63	3			40.32			6.6	Mu.	191	2	
15597	9	49.53	3	17	45	42.68	20	59	12.5	Mu.	266	31	
	9	49.47	2			42.74			8.2	Tr.	244	73	
	9.10	49.47	2			42.80			11.6	Mu.	258	49	
15598	8	46.40	3	17	45	44.10	37	1	....	Tr.	22	37	
15599	9	47.40	2	17	45	45.78[15]	27	58	17.5	Mer.	189	79	[15] R. A. increased two thread intervals.
	9	46.46	6			45.85			15.1[16]	Mer.	27	75	[16] Decl. changed one rev. south.
15600	8	47.48	2	17	45	48.18	29	38	32.9[17]	Tr.	125	8	[17] Decl. changed one wire interval and two rev. south.
15601	8	46.46	3	17	45	48.67	31	55	....	Tr.	30	60	
15602	9	46.53	2	17	45	49.55	26	16	2.6	Mer.	41	12	
	9	47.34	1			49.88			5.0	Mu.	114	54	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
15603	10	47.40	1	17	45	50.96	28	18	50.3	Mer.	189	80	
15604	10	48.49	1	17	45	51.76	24	9	....	Mer.	129	40	
	9	48.55	2			52.89			51.6	Mer.	132	26	
15605	8	47.46	1	17	45	51.94	29	59	18.0	Tr.	122	64	
	7	46.54	1			52.30			16.8	Mu.	37	43	
	9	47.44	2			52.37			8.7	Mer.	190	109	
	8	47.31	2			52.48			17.0	Mer.	96	72	
	8	47.47	1			52.55			12.4	Tr.	123	55	
15606	10	47.40	1	17	45	53.43	30	38	59.8	Tr.	120	24	
15607	10	48.54	2	17	45	54.11 [1]	22	56	....	Mer.	131	18	[1] One thread decreased 10 sec.
	9	48.55	2			54.34			48.7	Mu.	181	41	
	9	48.45	4			54.40			.... [2]	Mer.	127	19	[2] Decl. changed ten rev. south.
	10	48.52	3			54.42			46.6	Mu.	178	3	
	9	48.48	4			54.52			45.8	Mu.	175	77	
15608	9	46.52	1	17	45	58.75	35	0	....	Mu.	33	26	
15609	9	47.44	2	17	46	0.19	29	56	36.8	Mer.	190	110	
	8	47.47	2			0.38			31.9	Tr.	123	56	
	9	47.31	2			0.61			36.2	Mer.	96	73	
15610	6	46.42	1	17	46	5.78	30	32	17.5	Tr.	25	56	
15611	10	49.47	2	17	46	6.35	20	22	13.0	Mu.	261	35	
	10	49.47	1			6.48			17.3	Mu.	258	50	
	10	48.52	2			6.61			....	Tr.	171	13	
15612	8	46.52	2	17	46	6.39	35	0	58.1	Mu.	33	27	
15613	10	46.46	1	17	46	7.34	33	35	38.5	Tr.	26	45	
15614	7	48.49	2	17	46	14.75	26	53	51.6	Mu.	176	38	
	8	47.34	2			14.79			52.1	Mer.	100	46	
	10	48.55	3			14.86			52.5	Tr.	177	13	
15615	8	46.53	2	17	46	16.12	40	21	14.6	Mu.	34	33	
	8.9	46.52	2			16.72			11.2	Mer.	38	24	
15616	7	46.53	1	17	46	22.44	39	54	10.8 [3]	Tr.	43	31	[3] Decl. changed two rev. north.
15617	9	47.40	1	17	46	24.16	31	13	4.4	Tr.	120	25	
15618	7	46.53	2	17	46	24.65	40	16	33.5	Mu.	34	34	
	5.6	46.52	2			25.10 [4]			27.9	Mer.	38	25	[4] One of three threads rejected; R. A. $=24^{s}.17$.
15619	10	48.49	1	17	46	24.80	24	1	....	Mer.	129	41	
15620	4	46.46	3	17	46	27.89	32	26	35.7	Mu.	25	53	
15621	8.9	49.47	1	17	46	29.05	19	15	35.8	Mu.	259	47	
	8	51.57	5			29.51			36.1	Tr.	267	19	
	10	52.46	5			29.51			....	Tr.	280	14	
15622	9	46.39	2	17	46	29.08 [5]	40	46	20.4	Mer.	21	50	[5] One of three threads rejected; R. A. $=27^{s}.90$.
15623	8	46.53	3	17	46	29.35	41	56	54.2	Mer.	42	30	
15624	10	52.46	4	17	46	33.90 [6]	19	17	....	Tr.	280	15	[6] One of five threads rejected; R. A. $=33^{s}.08$.
15625	9	46.39	3	17	46	41.64	40	42	57.4	Mer.	21	51	
15626	7	46.52	2	17	46	41.84	34	30	2.0	Tr.	39	31	
15627	10	46.48	2	17	46	44.96 [7]	29	29	40.6	Tr.	32	65	[7] Separate threads give $44^{s}.57$, $45^{s}.35$.
	8	47.32	1			45.33 [8]			40.5	Mer.	97	141	[8] R. A. increased 1 min.
15628	8	47.44	1	17	46	45.82 [9]	29	50	6.1	Mer.	190	111	[9] AW gives $46^{s}.4$. GZ gives $46^{s}.8$.
	8	47.32	1			47.08 [10]			....	Mer.	97	142	[10] R. A. increased 1 min.
15629	9	46.54	1	17	46	46.76	29	49	24.5 [11]	Mu.	37	44	[11] If micrometer reading be assumed as 43.46 instead of 43.96 rev., as recorded, Decl. = 56″.0. AW and GZ give 62″.
15630	..	47.31	1	17	46	48.49	30	10	0.5	Mer.	96	74	
	8.7	47.46	1			48.95			2.4	Tr.	122	65	
15631	10	49.47	1	17	46	49.05	19	47	19.1	Mu.	261	36	
15632	9	48.55	2	17	46	52.38	25	9	59.0	Tr.	175	5	
	10	48.55	2			52.57			60.3	Tr.	174	35	
	9	46.61	2			52.75			60.6	Mu.	42	4	
15633	7	47.54	5	17	46	57.63	25	38	30.6	Mu.	123	11	
	6	46.61	3			58.02			28.6	Tr.	53	12	
	7	48.63	3			58.27 [12]			29.9	Mer.	139	5	[12] One of four threads rejected; R. A. $=57^{s}.51$.
	..	48.41	5			58.37			....	Mer.	125	50	
15634	9.10	46.61	3	17	46	59.17	31	29	31.6	Tr.	55	6	
15635	4	46.46	2	17	47	0.59	32	39	32.9	Mu.	25	54	
15636	6.7	47.34	1	17	47	1.96	26	44	26.1	Mu.	114	55	
	7	46.52	1			2.46			20.3	Tr.	36	78	
	4	48.49	2			2.49			23.8	Mu.	176	39	
	8	46.53	5			2.52			23.4	Mer.	41	13	
	8	46.46	2			2.67			23.0	Mer.	28	28	
	7	47.34	1			2.76			23.2	Mer.	100	47	
15637	10	47.29	1	17	47	4.09	29	1	....	Mer.	94	70	
15638	8	47.44	1	17	47	5.84	29	53	36.5	Mer.	190	112	
	9	46.54	1			7.36			32.4	Mu.	37	45	
15639	10	48.63	1	17	47	6.54	25	13	54.2	Mu.	191	3	
	10	46.61	2			6.66 [13]			52.7	Mu.	42	5	[13] R. A. increased 1 min.
	9	48.55	2			6.85			51.1	Tr.	175	6	
15640	9	48.45	3	17	47	6.65	22	25	....	Mer.	127	20	
	8.9	48.55	4			6.85 [14]			39.4	Mu.	181	42	[14] R. A. decreased 1 min.
15641	6	46.46	6	17	47	8.59	41	41	16.7	Mer.	26	83	
15642	7	46.46	2	17	47	8.72	33	22	45.1	Tr.	26	46	
	9	46.30	2			8.93			44.2 [15]	Tr.	15	79	[15] Reduced for vertical thread III and horizontal wire 7, instead of vertical thread VII and horizontal wire 3, as recorded.
15643	7	46.46	5	17	47	13.63	28	2	8.2	Mer.	27	76	
	6	47.40	3			13.65			6.3	Mer.	189	81	
	4	46.60	4			13.71			....	Tr.	51	20	
	5.6	47.44	4			13.80			8.3	Mu.	117	114	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
15644	..	47.31	1	17	47	14.90[1]	30	15	....	Mer.	96	75	[1] Minute assumed.
15645	7	46.46	2	17	47	16.70	38	3	38.0	Tr.	29	66	
	8	46.54	1			16.75			36.3	Tr.	47	3	
15646	8	49.47	3	17	47	19.58	21	55	27.5	Tr.	245	42	
	8	48.55	3			19.63			28.5	Mu.	182	3	
	7.8	49.54	5			19.80			28.6	Mu.	268	13	
15647	8	48.52	2	17	47	21.83	23	21	36.2	Mu.	178	4	
	9	48.52	5			22.04			37.6	Mer.	130	1	
	8	48.48	3			22.19			38.5	Mu.	175	78	
15648	10	48.55	3	17	47	25.24[2]	21	24	45.7[3]	Mer.	133	2	[2] R. A. increased 10 sec.
15649	9	52.52	5	17	47	25.74	17	24	21.9	Tr.	282	5	[3] Decl. changed one rev. south.
15650	9	46.46	4	17	47	31.81	28	6	13.2[4]	Mer.	27	77	[4] If micrometer reading be assumed as 33.928 instead of 33.628 rev., as recorded, Decl. = 2″.8. GZ gives 2″.
15651	8	46.46	3	17	47	33.36	27	6	29.7	Mer.	28	29	
	10	48.55	3			33.42			....	Tr.	177	14	
	8	46.52	1			33.44			25.7	Tr.	36	79	
	8	48.49	1			33.73			26.6	Mu.	176	40	
15652	10	46.42	1	17	47	35.48	30	37	36.9	Tr.	25	57	
15653	9	46.46	2	17	47	43.08	32	1	....	Tr.	30	61	
15654	10	46.54	1	17	47	45.12	38	13	6.6	Tr.	47	4	
15655	8	48.43	2	17	47	48.35	24	23	37.1	Mu.	170	49	
15656	9.10	46.46	1	17	47	49.37	37	25	16.2	Mu.	24	56[5]	[5] Unidentified. Looked for with equatorial but not found. CPD−37°7696 follows 5^{s}, south 30″.
15657	7	46.40	4	17	47	50.14	35	58	54.1	Mu.	16	64	
	6.7	46.53	1			50.34			52.4	Tr.	44	23	
15658	8.9	46.61	5	17	47	50.49	30	59	14.8	Mu.	44	7	
	8	47.40	1			50.71			15.2	Tr.	120	26	
15659	9	46.46	4	17	47	57.18	37	18	37.2	Mu.	24	55	
15660	10	48.49	2	17	47	57.28	23	54	....	Mer.	129	42	
	5	48.45	3			57.51[6]			43.1	Mu.	171	21	[6] R. A. decreased 2 min.
	6	48.55	3			57.69			42.8	Mer.	132	27	
15661	9	46.53	6	17	47	59.77[7]	42	42	24.4	Mer.	42	31	[7] One of seven threads rejected; R. A. = 60^{s}.55.
15662	10	49.47	2	17	48	2.44	19	18	25.0	Mu.	259	48	
	8	51.57	5			2.81			27.7	Tr.	267	20	
15663	9	46.46	4	17	48	3.05	33	55	25.6	Mu.	22	99	
15664	9	51.60	5	17	48	3.97	16	31	26.6	Tr.	268	1	
15665	9	46.39	3	17	48	6.14	40	34	37.1	Mer.	21	52	
15666	10	48.52	2	17	48	6.22	23	7	13.0	Mer.	130	2	
15667	10	46.48	1	17	48	11.36	29	32	58.3	Tr.	32	66	
	8	47.48	2			11.81			48.6	Tr.	125	9	
15668	6	46.61	2	17	48	11.39	25	21	43.7	Tr.	53	13	
15669	9	47.55	1	17	48	13.71	28	32	43.2	Mu.	124	10	
15670	11	48.49	2	17	48	19.26[8]	20	10	....	Tr.	169	58	[8] R. A. increased 1 min.
15671	9	48.63	2	17	48	19. . .[9]	25	3	23.6	Mu.	191	4	[9] Separate threads give 20^{s}.26, 19^{s}.20.
	9	48.55	2			19.73			21.8	Tr.	175	7	
	9	46.61	1			19.82			24.0	Mu.	42	6	
	10	48.55	2			20.03			18.9	Tr.	174	36	
15672	9	47.55	1	17	48	20.23	28	36	49.0	Mu.	124	11	
	9	46.48	3			20.52			51.7	Mer.	32	11	
15673	9	52.52	5	17	48	21.94	17	14	55.1	Tr.	282	6	
15674	8	47.44	1	17	48	23.17	30	2	26.5	Mer.	190	113	
	7	46.54	2			23.39			25.6	Mu.	37	46	
	..	47.31	1			23.64[10]			26.7	Mer.	96	76	[10] R. A. decreased two thread intervals.
	8	47.46	1			23.78			24.3	Tr.	122	66	
15675	10	46.52	1	17	48	27.21	26	59	12.6	Tr.	36	80	
	9	47.34	2			27.24[11]			12.8	Mer.	100	48	[11] R. A. increased 1 min.
15676	9	47.29	2	17	48	30.13	29	2	....	Mer.	94	71	
15677	9	49.47	1	17	48	33.28	19	55	26.0	Mu.	261	37	
15678	10	46.52	2	17	48	38.58	34	46	24.8	Tr.	39	32	
15679	9	47.40	2	17	48	40.25	28	8	19.8	Mer.	189	82	
	9	46.46	4			40.54			17.3	Mer.	27	78	
	8	47.44	1			40.61			18.3	Mu.	117	115	
15680	9.10	49.47	2	17	48	40.89	19	51	50.3	Mu.	261	38	
15681	9	46.60	2	17	48	41.04	28	7	....	Tr.	51	21	
	9	47.40	1			41.51			1.8	Mer.	189	83	
	9	46.46	4			41.52			2.8	Mer.	27	79	
	8	47.44	1			41.76			4.2	Mu.	117	116	
15682	9.10	49.54	3	17	48	41.12	22	12	31.0	Mu.	268	14	
	9	49.47	1			41.45			31.5	Tr.	245	43	
15683	9	48.52	3	17	48	41.16	20	36	....	Tr.	171	14	
	10	49.47	2			41.50			11.1	Mu.	258	51	
15684	7	46.40	2	17	48	44.22	36	50	....	Tr.	22	38	
15685	7	46.54	1	17	48	49.98	38	32	57.3	Tr.	47	5	
	6	46.46	2			50.09			63.4	Tr.	29	67	
15686	11	46.46	1	17	48	50.36	33	18	7.7	Tr.	26	47	
15687	8	51.57	5	17	48	52.98	19	25	35.6	Tr.	267	21	
	10	49.47	1			53.10			31.5	Mu.	259	49	
	10	52.46	4			53.13[12]			....	Tr.	280	16	[12] One of five threads rejected; R A. = 52^{s}.48.
15688	9	46.61	2	17	48	56. .[13]	40	42	24.1	Mer.	49	1	[13] "Extremely faint." Separate threads give 57^{s}.30, 56^{s}.46. GZ gives a star at 59^{s}.9, 24″.
15689	9	46.40	3	17	49	1.94	36	55	....	Tr.	22	39	
15690	7	46.40	1	17	49	2.09	36	0	41.1	Mu.	16	65	
	8	46.53	1			2.86			38.9	Tr.	44	24	
15691													No star belongs to this number.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
15692	8	46.46	7	17	49	2.69	41	28	0.5[1]	Mer.	26	84	[1] Decl. changed one wire interval north.
15693	9	47.40	1	17	49	3.31	31	6	33.6	Tr.	120	27	
	10	46.42	1			3.58			35.3	Tr.	25	58	
15694	9	48.55	1	17	49	5.27	25	7	7.8	Tr.	175	8	
15695	9	47.46	2	17	49	7. . .[2]	26	4	11.4[3]	Mer.	191	82	[2] Separate threads give $6^s.50$, $7^s.35$.
	8	46.52	3			7.30			10.0	Mu.	31	57	[3] Decl. changed four wire intervals north.
	7	46.61	2			7.52			12.2	Tr.	53	14	
	8	48.63	2			7.63			11.3	Mer.	139	6	
	9	47.51	4			7.75			10.0	Mer.	194	23	
	7.8	47.34	2			7.83			13.0	Mu.	114	56	
15696	4	46.48	4	17	49	7.96	28	44	12.4	Mu.	27	50	
	6.7	46.48	6			8.07			11.1	Mer.	32	12	
	7	47.55	2			8.08			12.8	Mu.	124	12	
	6	47.29	2			8.30			. . . .	Mer.	94	72	
	8	48.55	3			8.64[4]			12.0	Mu.	183	1	[4] One of four threads rejected; R. A. $=7^s.89$.
15697	9.10	48.49	2	17	49	9.13	23	40	. . . .[5]	Mer.	129	43	[5] Decl. changed one rev. north.
	8	48.45	1			10.00[6]			44.2	Mu.	171	22	[6] R. A. decreased 1 min.
15698	10	47.44	1	17	49	11.15	29	54	0.6	Mer.	190	114	
15699	8	47.54	2	17	49	11.24	27	29	51.8	Mer.	195	34	
15700	10	49.54	1	17	49	11.35	21	58	41.8	Mu.	268	15	
15701	9	47.40	1	17	49	16.66[7]	30	44	38.0	Tr.	120	28	[7] R. A. increased 10 sec.
15702	9	46.46	2	17	49	17.73	33	43	7.9[8]	Mu.	22	100	[8] Decl. changed one rev. north.
15703	4	51.57	5	17	49	20.09	19	14	55.7	Tr.	267	22	
15704	8	46.40	1	17	49	21.52	35	59	59.2	Mu.	16	66	
	8	46.53	1			21.62			62.0	Tr.	44	25	
15705	10	46.46	3	17	49	22.81	31	55	. . . .	Tr.	30	62	
15706	9	46.48	3	17	49	26.05	28	52	43.2	Mer.	32	13	
	9	46.48	1			26.10			46.3	Mu.	27	51	
	9.10	48.55	2			26.13			47.3	Mu.	183	2	
15707	7	47.31	1	17	49	26.72	30	13	66.8	Mer.	96	77	
	5	46.54	2			27.33			54.7	Mu.	37	47	
	4.5	47.46	2			27.50			55.9	Tr.	122	67	
	5	47.44	1			27.65			55.5	Mer.	190	115	
	5.6	47.46	2			27.71			54.7	Mu.	120	108	
15708	9	46.53	5	17	49	27.77	26	48	28.6	Mer.	41	14	
	11	48.55	3			27.84			34.8	Tr.	177	15	
15709	9	46.52	1	17	49	30.12	40	25	57.3	Mer.	38	26	
15710	8.9	46.61	3	17	49	31.85	31	25	19.1	Mu.	44	8	
	9.10	46.61	2			32.51[9]			20.8	Tr.	55	7	[9] Separate threads give $32^s.13$, $32^s.88$. Ya gives $31^s.8$.
15711	9	47.54	1	17	49	32.47	27	21	42.8	Mer.	195	35	
	9	46.52	1			32.78			42.4	Tr.	36	81	
15712	9	48.43	2	17	49	37.09	25	47	. . . .	Tr.	164	51	
	8	48.63	3			37.16			13.5	Mer.	139	7	
	7	47.54	3			37.23			9.9	Mu.	123	12	
15713	8	47.32	2	17	49	41. . .[10]	29	22	5.1[11]	Mer.	97	143	[10] Separate threads give $41^s.62$, $40^s.78$. Gou gives $41^s.1$.
	7	46.48	3			41.07			6.9	Tr.	32	67	
	7	47.48	2			41.21[12]			15.4	Tr.	125	10	[11] Decl. changed ten rev. south.
15714	9.10	46.46	2	17	49	42.62	37	15	4.1	Mu.	24	58	[12] Separate threads give $41^s.58$, $40^s.83$.
15715	10	46.42	1	17	49	43.27	30	37	19.6	Tr.	25	59	
15716	9	46.46	4	17	49	51.04	27	56	23.7[13]	Mer.	27	80	[13] Decl. changed ten rev. north.
15717	8.9	48.45	3	17	49	53.34	22	29	. . . .[14]	Mer.	127	21	[14] Decl. changed one rev. south.
	8	48.55	2			53.65[15]			49.8	Mu.	181	43	[15] R. A. decreased 1 min. One of three threads rejected; R. A. $=52^s.88$.
15718	8	47.34	1	17	49	53.60	27	0	18.5	Mer.	100	49	
	9	46.52	1			54.75			16.2[16]	Tr.	36	82	[16] Micrometer rev. assumed.
15719	7	46.53	1	17	49	54.33	39	13	37.7	Tr.	43	32	
15720	10	48.55	2	17	49	55.53[17]	22	21	30.7[18]	Mu.	181	44	[17] R. A. decreased 1 min.
15721	8	48.43	2	17	49	57.92	25	47	. . . .	Tr.	164	52	[18] Decl. changed one rev. south.
	7	47.54	1			58.38			56.6	Mu.	123	13	
	7	48.63	2			58.38			54.8	Mer.	139	8	
	6	46.61	1			58.42			49.5	Tr.	53	15	
15722	9	46.46	3	17	50	0.86	37	23	22.9	Mu.	24	57	
15723	9	46.46	1	17	50	1.03	33	52	21.3	Mu.	22	101	
15724	10	48.52	4	17	50	1.21	23	17	47.5	Mer.	130	3	
	9	48.52	3			1.26			47.3	Mu.	178	5	
	8.9	48.48	4			1.31			47.8	Mu.	175	79	
15725	7	46.46	2	17	50	3.19	33	23	21.9	Tr.	26	48	
	8	46.30	2			3.37[19]			22.9	Tr.	15	80	[19] One of three threads rejected; R. A. $=4^s.32$.
15726	8	46.53	1	17	50	5.48	39	38	57.9	Tr.	43	33	
15727	11	52.46	5	17	50	8.39	19	33	. . . .	Tr.	280	17	
15728	8	46.52	2	17	50	8.84	34	40	20.3	Tr.	39	33	
15729	9	49.47	2	17	50	9.38	20	2	30.0	Mu.	261	39	
	11	48.49	2			9.41			. . . .	Tr.	169	59	
15730	5	46.46	2	17	50	11.76	38	20	23.4	Tr.	29	68	
	8	46.54	1			11.94			19.6	Tr.	47	6	
15731	9	47.46	1	17	50	12.04	30	18	17.9	Tr.	122	68	
15732	8	47.34	1	17	50	12.97	27	3	1.9	Mer.	100	50	
	8	46.46	2			13.06			6.2	Mer.	28	30	
	6	48.49	1			13.16			5.3	Mu.	176	41	
	8	46.52	1			13.19			6.7	Tr.	36	83	
15733	9	51.60	5	17	50	18.98	16	18	50.9	Tr.	268	2	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
15734	9	48.45	3	17	50	22.37[1]	22	26	....[2]	Mer.	127	22	[1] R. A. increased 1 min. One of four threads rejected; R. A.=$21^{s}.51$.
	8	48.55	1			22.41			53.2	Mu.	181	45	
15735	8	51.57	5	17	50	23.82	19	31	11.2	Tr.	267	23	[2] Decl. changed one rev. south.
	10	52.46	5			24.07			....	Tr.	280	18	
15736	9	47.54	1	17	50	27.21	27	36	38.5	Mer.	195	36	
15737	9	46.40	2	17	50	27.67	36	57	....	Tr.	22	40	
15738	8.9	48.58	4	17	50	33.46	21	1	37.0	Mu.	186	1	
	8.9	49.47	2			33.47			37.0	Mu.	258	52	
	9	49.47	3			33.54			40.0	Tr.	244	74	
	8.9	49.53	4			33.61[3]			38.0	Mu.	266	32	[3] One of five threads rejected; R. A.=$32^{s}.67$.
15739	8	47.46	1	17	50	33.80	29	49	8.2	Tr.	122	69	
15740	..	48.55	2	17	50	38.11	23	47	....	Mer.	132	28	
	3	48.45	2			38.31			48.8	Mu.	171	23	
	8.9	48.49	4			38.35			....[4]	Mer.	129	44	[4] Decl. changed six rev. south.
15741	9	48.55	1	17	50	39.24	25	8	37.3	Tr.	175	9	
	9	46.61	1			39.26			40.9	Mu.	42	8	
	9	48.63	1			39.38			41.8	Mu.	191	5	
	10	48.55	2			39.40			42.8	Tr.	174	38	
15742	8	46.52	2	17	50	40.10	40	19	10.9	Mer.	38	27	
	8	46.53	3			40.18			12.9	Mu.	34	35	
15743	9	52.52	5	17	50	40.39	17	22	52.2	Tr.	282	7	
15744	10	46.54	1	17	50	40.66	38	10	36.1	Tr.	47	7	
15745	9	48.55	1	17	50	44.29[5]	25	4	9.0	Tr.	175	10	[5] R. A. decreased one thread interval.
	8	48.63	3			45.19			9.5	Mu.	191	6	
	9	46.61	2			45.24			8.2	Mu.	42	7	
	9	48.55	2			45.38			7.5	Tr.	174	37	
15746	9	46.38	2	17	50	46.01	34	41	30.7	Tr.	20	1	
	8	46.52	2			46.46			32.9	Tr.	39	34	
15747	9	47.54	2	17	50	46.36	27	35	33.5	Mer.	195	37	
15748	8	47.40	2	17	50	50.53	27	54	28.8	Mer.	189	84	
	9	46.46	3			51.50[6]			28.5	Mer.	27	81	[6] Two threads increased 10 sec. each.
15749	6	46.54	2	17	50	51.60	29	48	31.3	Mu.	37	48	
	8	47.44	1			51.62			31.7	Mer.	190	116	
	8	47.46	1			51.85			31.1	Tr.	122	70	
	8	47.32	1			52.07			33.5	Mer.	97	144	
15750	9	46.61	2	17	50	54.29	31	4	37.9	Mu.	44	9	
	9	47.40	1			54.59			35.3	Tr.	120	29	
	9.10	46.42	1			54.68			36.0	Tr.	25	60	
15751	8	48.55	1	17	50	56.86	22	31	54.8	Mu.	181	46	
15752	10	48.52	2	17	50	58.23	23	6	36.6	Mer.	130	4	
15753	6	48.43	2	17	50	59.66	24	15	57.5	Mu.	170	50	
15754	9	46.61	3	17	51	0.10	40	49	15.3	Mer.	49	2	
15755	9	46.46	2	17	51	1.92	33	59	28.7	Mu.	22	102	
15756	8	48.52	3	17	51	4.62	20	19	....	Tr.	171	15	
	7.8	49.47	3			4.79			20.2	Mu.	258	53	
	7	49.47	3			5.01			19.5	Mu.	261	40	
15757	9	48.55	2	17	51	7.20	21	43	2.0	Mu.	182	4	
15758	9	46.52	2	17	51	8.86	35	18	54.8	Mu.	33	28	
15759	8	47.29	3	17	51	12.02	28	41	....	Mer.	94	73	
	10	48.55	2			12.08			47.0	Mu.	183	3	
	8.9	47.55	1			12.66			45.6	Mu.	124	13	
15760	7	46.54	1	17	51	13.55	38	4	10.1	Tr.	47	8	
	6	46.46	2			13.65			3.8	Tr.	29	69	
15761	9.10	49.53	2	17	51	23.24	21	27	5.7	Mu.	266	33	
	10	48.55	3			23.46			2.6[7]	Mer.	133	3	[7] Decl. changed one rev. south.
15762	9	46.53	5	17	51	26.76	26	10	28.2	Mer.	41	15	
15763	10	46.46	2	17	51	28.20	31	57	....	Tr.	30	63	
15764	10	47.40	1	17	51	31.98	30	57	51.9	Tr.	120	30	
15765	9	52.46	5	17	51	33.76	19	12	....	Tr.	280	19	
	9	49.47	1			33.78			59.3[8]	Mu.	259	50	[8] Decl. changed five rev. south.
	6	51.57	5			33.85			57.1	Tr.	267	24	
15766	9	46.53	7	17	51	37.16	26	12	31.8	Mer.	41	16	
	8	47.51	3			37.20			35.7	Mer.	194	24	
	7.8	47.34	2			37.27			32.0	Mu.	114	57	
	7	46.52	3			37.28			30.9	Mu.	31	58	
	9	47.46	3			37.50[9]			32.2	Mer.	191	83	[9] One of four threads rejected; R. A.=$35^{s}.95$.
15767	10	48.55	2	17	51	37. . .[10]	24	46	31.0[11]	Tr.	174	39	[10] Separate threads give $37^{s}.30$, $38^{s}.42$.
	9	48.55	1			37.39			26.4	Tr.	175	11	[11] Decl. changed one wire interval north.
	10	48.63	1			37.42			25.0	Mu.	191	7	
15768	9	46.46	5	17	51	37.88[12]	41	24	13.4	Mer.	26	85	[12] One of six threads rejected; R. A.=$37^{s}.14$.
15769	8	46.48	1	17	51	37.88	29	25	41.0	Tr.	32	68	
	8	47.32	1			38.80[13]			....	Mer.	97	146	[13] Time of transit identical with that of Mer. 97, No. 145.
15770	8	47.32	1	17	51	38.80	29	19	36.6	Mer.	97	145	
	9	46.48	7			38.93			33.7	Mer.	32	14	
15771	8.9	46.52	6	17	51	39.21	42	53	30.6	Mer.	36	29	
15772	6.7	46.20	2	17	51	40.04	36	21	55.6[14]	Mu.	16	67	[14] Micrometer reading assumed as 28.085 instead of 28.85 rev., as recorded.
15773	9	48.43	1	17	51	41.13	24	11	41.0	Mu.	170	51	
15774	9	51.60	5	17	51	42.47	16	30	25.2	Tr.	268	3	
15775	10	49.47	2	17	51	48.45	19	41	43.7	Mu.	259	51	
	10	42.46	5			48.75			....	Tr.	280	20	
15776	7	47.48	1	17	51	51.28	29	34	27.8	Tr.	125	11	
	8	47.32	1			52.02			30.9	Mer.	97	147	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
15777	9	48.55	1	17	51	58.41	20	58	22.9	Mer.	133	4	
	9	48.58	2			59.54[1]			27.2	Mu.	186	2	[1] "Barely visible, except at times." Separate
15778	8	47.29	1	17	51	59.12	28	46	....	Mer.	94	74	threads give 59^{s}.94, 59^{s}.15. CiZ gives 59^{s}.6.
15779	8	48.49	2	17	52	0.37	26	57	42.7[2]	Mu.	176	42	[2] Decl. changed one rev. north.
	8.9	46.46	3			0.85			43.5	Mer.	28	31	
	9	46.52	1			0.91			44.2	Tr.	36	84	
15780	8	46.53	1	17	52	0.53	35	39	29.1	Tr.	44	26	
15781	8.9	46.40	3	17	52	1.38[3]	36	20	56.1	Mu.	16	68	[3] Minute assumed.
15782	9	48.49	3	17	52	1.93	23	32	....	Mer.	129	45	
	9	48.52	1			1.95			30.2	Mu.	178	6	
	9	48.48	4			1.96			32.9	Mu.	175	80	
15783	9	47.54	1	17	52	7.62	27	40	14.2	Mer.	195	38	
15784	10	48.52	1	17	52	10.78	20	30	....	Tr.	171	16	
	9.10	49.47	2			11.60			28.8	Mu.	258	54	
15785	8.9	46.34	5	17	52	11.81	43	27	14.5	Mer.	14	31	
15786	10	48.49	1	17	52	12.25	19	51	....[4]	Tr.	169	60	[4] Decl. changed one wire interval north.
15787	10	48.49	1	17	52	13.96	19	57	....	Tr.	169	61	
	9	49.47	1			17.13[5]			7.5	Mu.	261	42	[5] AW gives 13^{s}.2; CiZ gives 12^{s}.8.
15788	9	46.46	2	17	52	16.23	32	2	....	Tr.	30	64	
15789	10	49.47	1	17	52	19.10	19	41	4.0[6]	Mu.	261	41	[6] Decl. changed ten rev. north.
15790	11	46.52	2	17	52	21.17	34	32	40.2	Tr.	39	35	
15791	9	46.46	3	17	52	22.79	33	45	22.8	Mu.	22	103	
15792	11	46.61	2	17	52	23.09	25	36	6.3	Tr.	53	16	
	10	48.63	2			23.34			8.9	Mer.	139	9	
15793	8	47.44	1	17	52	24.17	27	52	0.4	Mu.	117	118	
	8.9	46.46	2			24.67			1.0	Mer.	27	82	
15794	9	46.38	1	17	52	26.28	34	10	47.3	Tr.	20	2	
15795	10	46.53	1	17	52	30.13	39	19	43.3	Tr.	43	34	
15796	8	49.54	3	17	52	36.59	22	7	16.5	Mu.	268	16	
	8	49.47	2			36.62			14.4	Tr.	245	44	
	8	48.55	2			36.76			16.7	Mu.	182	5	
15797	9	46.48	2	17	52	37. . .[7]	28	22	42.3	Mu.	27	52	[7] Separate threads give 37^{s}.99, 39^{s}.97.
	9	46.60	2			37.89			....	Tr.	51	22	
	9	47.55	1			37.98			50.4	Mu.	124	14	
	10	48.55	2			38.01			51.6	Mu.	183	4	
	8	47.44	3			38.20			49.5	Mu.	117	117	
	9	47.40	4			38.24			50.7	Mer.	189	85	
15798	10	48.52	2	17	52	38.17	23	10	3.7	Mer.	130	5	
	8.9	48.48	2			38.41[8]			5.8[9]	Mu.	175	81	[8] Minute assumed.
	9	48.52	1			38.52			4.8	Mu.	178	7	[9] Decl. changed one rev. north.
15799	9	46.46	3	17	52	47.25	33	52	48.0	Mu.	22	104	
15800	9	48.55	2	17	52	47.76	25	0	18.7	Tr.	175	12	
	9	46.61	2.			47.77			20.2	Mu.	42	9	
15801	7	48.55	3	17	52	49.19	22	46	14.4	Mu.	181	47	
	8.9	48.45	5			49.46			....[10]	Mer.	127	23	[10] Decl. changed eleven rev south.
15802	9	46.46	2	17	53	0.34	27	56	29.8	Mer.	27	83	
15803	8	51.60	5	17	53	1.58	16	26	0.5	Tr.	268	4	
15804	6	49.47	2	17	53	1.61	19	5	49.3	Mu.	259	52	
15805	9	47.40	1	17	53	4.94	30	57	40.0	Tr.	120	31	
	8	47.46	1			4.94			43.7	Mu.	120	109	
	8	46.42	1			5.34			41.2	Tr.	25	61	
15806	9	48.63	1	17	53	5.38	24	51	41.3[11]	Mu.	191	8	[11] Decl. changed five rev. south.
	9	48.55	2			6.35			40.2[12]	Tr.	174	40	[12] Decl. changed one wire interval north.
	9	46.61	2			6.86[13]			39.2	Mu.	42	10	[13] One of three threads rejected; R. A.=5^{s}.96.
15807	7	46.46	2	17	53	6.16	38	5	49.5	Tr.	29	70	
	8	46.54	1			6.59			51.0	Tr.	47	9	
15808	8	47.48	1	17	53	8.86	29	31	39.8	Tr.	125	12	
	11	46.48	1			8.96			40.4	Tr.	32	69	
15809	9	46.53	1	17	53	8.88	35	36	20.4	Tr.	44	27	
15810	8	46.61	1	17	53	11.43	26	6	8.7[14]	Tr.	53	17	[14] Decl. changed one rev. north.
15811	9	46.53	1	17	53	13.46	39	23	55.5	Tr.	43	35	
15812	9	48.48	2	17	53	16.74	23	1	....	Mu.	175	82	
15813	8	48.48	2	17	53	17.09	23	1	22.4	Mu.	175	83	
	9.10	48.52	2			17.13			23.2	Mer.	130	6	
	8	48.52	1			17.62			22.4	Mu.	178	8	
15814	10	47.40	1	17	53	17.39	30	57	36.5	Tr.	120	32	
	8	47.46	1			17.50			38.0	Mu.	120	110	
	8	46.42	1			17.57			39.1	Tr.	25	62	
15815	10	46.46	1	17	53	19.38	33	20	36.1	Tr.	26	49	
15816	9	49.54	3	17	53	19.75	21	57	19.4	Mu.	268	17	
	10	48.55	1			19.93			17.7[15]	Mu.	182	6	[15] Micrometer rev. assumed.
	9	49.47	1			20.35			18.6	Tr.	245	45	
15817	10	48.55	2	17	53	21.78	27	4	....	Tr.	178	1	
	8	46.46	1			21.84			14.8	Mer.	28	32	
	9	47.34	3			21.99[16]			17.1	Mer.	100	51	[16] R. A. increased 1 min.
	7	46.52	1			22.24			18.6	Tr.	36	85	
	8	48.49	1			22.48			16.4	Mu.	176	43	
15818	7.8	47.46	1	17	53	25.38	30	46	35.1	Mu.	120	111	
	10	47.40	1			25.57			35.0	Tr.	120	33	
	8	46.42	1			25.68			35.1	Tr.	25	63	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
15819	8	46.52	2	17	53	26.83	34	50	26.5[1]	Tr.	39	36	[1] Decl. changed one wire interval south.
	9	46.38	1			26.87			24.9	Tr.	20	3	
	9	46.52	2			27.02[2]			24.9	Mu.	33	29	[2] R. A. increased one thread interval.
15820	8	47.54	1	17	53	26.69	27	49	13.8	Mer.	195	39	
	7	47.40	1			26.95			14.5	Mer.	189	86	
	7	47.44	2			27.45			13.1	Mu.	117	119	
	7.8	46.46	6			27.58			10.2	Mer.	27	84	
	7	46.62	2			27.65			13.0[3]	Mu.	45	1	[3] Micrometer reading assumed as 15.082 instead of 15.82 rev., as recorded.
	6	46.60	2			27.71			....[4]	Tr.	51	23	
15821	7	48.43	~	17	53	27.23	24	14	54.4	Mu.	170	52	[4] Decl. changed one rev. south.
15822	10	46.46	2	17	53	28.71	31	52	....	Tr.	30	65	
15823	8	51.60	5	17	53	31.24	16	13	2.9	Tr.	268	5	
15824	9	46.46	5	17	53	38.77[5]	41	24	30.6	Mer.	26	86	[5] One thread decreased 10 sec.
15825	8.9	49.54	1	17	53	38.88	21	30	7.1	Mu.	268	18	
	8.9	49.53	5			39.23			7.6	Mu.	266	34	
	9	48.55	2			39.28			3.9	Mer.	133	5	
	9	48.58	2			39.46			5.7	Mu.	186	3	
15826	5	48.43	1	17	53	39.33	24	16	30.1	Mu.	170	53	
15827	8	48.52	2	17	53	40. . .[6]	20	43	....	Tr.	171	17	[6] Separate threads give 40ˢ.67, 39ˢ.61.
	8	49.47	4			40.53			49.7	Mu.	258	55	
15828	9	46.53	1	17	53	52.04	39	22	35.4	Tr.	43	36	
15829	8	48.55	1	17	53	56.62	22	42	48.2	Mu.	181	48	
	9	48.45	2			57.38			....	Mer.	127	24	
15830	8.9	46.53	7	17	53	57.61	41	57	57.7	Mer.	42	32	
15831	8	47.31	3	17	54	0.18	29	51	23.7	Mer.	96	78	
	8	46.48	2			0.19[7]			25.7	Tr.	32	70	[7] R. A. decreased one thread interval.
	8	47.44	5			0.26			24.6	Mer.	190	117	
	7	46.54	3			0.32			24.2	Mu.	37	49	
	7.8	47.46	2			0.36			22.4	Tr.	122	71	
15832	8	47.46	2	17	54	3. . .[8]	26	18	46.8	Mer.	191	84	[8] Separate threads give 3ˢ.66, 4ˢ.88.
	8	46.53	7			3.50			50.6	Mer.	41	17	
	6	46.52	4			3.59			52.7	Mu.	31	59	
	7	47.34	4			3.75			51.3	Mu.	114	58	
	8	47.48	3			3.78			51.5	Mer.	193	1	
	8	47.51	3			3.78			49.3	Mer.	194	25	
15833	9	48.43	3	17	54	3.56	25	54	....	Tr.	164	53	
	7	46.61	3			3.57			33.8	Tr.	53	18	
	7	47.54	3			3.70			33.1	Mu.	123	14	
	8	47.34	1			3.71			33.9	Mu.	114	59	
	6	48.63	3			3.87			33.8	Mer.	139	10	
15834	9	46.46	3	17	54	3.85	27	54	26.6	Mer.	27	85	
15835	8	46.61	7	17	54	4.69	40	38	5.8	Mer.	49	3	
	7	46.52	6			4.74			3.8	Mer.	38	28	
15836	9	46.46	1	17	54	6.93	33	13	10.7	Tr.	26	50	
15837	9	48.55	2	17	54	10.65	25	15	41.1	Tr.	175	13	
15838	9	46.38	1	17	54	11.95	34	49	1.2	Tr.	20	4	
	9	46.52	2			12.28[9]			2.9	Mu.	33	30	[9] R. A. increased one thread interval. Separate threads give 12ˢ.67, 11ˢ.89.
15839	9	46.46	3	17	54	12.70[10]	34	2	58.3	Mu.	22	105	[10] R. A. decreased 1 min.
15840	9	46.48	2	17	54	15. . .[11]	28	43	50.7	Mu.	27	53	[11] Separate threads give 15ˢ.92, 16ˢ.83.
	9	47.29	2			15.54[12]			....	Mer.	94	75	[12] One of three threads rejected; R. A. = 16ˢ.33.
	9	48.55	1			15.95			51.4	Mu.	183	5	
	7.8	47.55	3			16.18			48.8	Mu.	124	15	
	9	46.48	7			16.25			51.5	Mer.	32	15	
15841	10.11	49.53	2	17	54	17.63	20	56	4.6	Mu.	266	35	
15842	7	46.52	1	17	54	17.67	26	51	54.3	Tr.	36	86	
	6	48.49	1			17.68			53.4	Mu.	176	44	
	7	46.46	1			17.88			54.4	Mer.	28	33	
15843	9	48.55	1	17	54	20.20	22	36	45.6	Mu.	181	49	
15844	8	48.48	1	17	54	30.13	23	8	1.2[13]	Mu.	175	84	[13] Micrometer reading assumed as 32.52 instead of 42.052 rev., as recorded.
	10	48.52	1			31.16			7.5	Mer.	130	7	
15845	7	46.61	1	17	54	30.65	31	38	33.1	Mu.	44	12	
15846	8	48.63	1	17	54	40.25	25	39	41.6	Mer.	139	11	
	8	47.54	1			40.47			43.3	Mu.	123	15	
15847	6	48.43	1	17	54	40.27	24	21	28.2	Mu.	170	54	
15848	6	46.53	2	17	54	44.42	35	53	57.8	Tr.	44	28	
	5	46.40	2			44.53			57.8	Mu.	16	69	
15849	9	49.47	1	17	54	46.35	22	14	4.1	Tr.	245	46	
	9	49.54	1			46.54			3.2	Mu.	268	19	
15850	9	46.38	1	17	54	48.75	34	43	42.9[14]	Tr.	20	5	[14] Decl. changed one wire interval north.
15851	8	47.51	1	17	54	49.04	26	1	52.1	Mer.	194	26	
	9	48.63	1			49.53			44.1	Mer.	139	12	
	9	46.52	1			49.89[15]			45.2	Mu.	31	60	[15] R. A. increased one thread interval.
15852	7	48.48	2	17	54	50. . .[16]	22	50	5.7	Mu.	175	85	[16] R. A. decreased one thread interval. Separate threads give 51ˢ.45, 50ˢ.39.
	8.9	48.45	2			50.44			....[17]	Mer.	127	25	[17] Decl. changed six rev. south.
	7	48.52	1			50.49			8.2[18]	Mu.	178	9	[18] Decl. changed one rev. north.
15853	10	46.40	4	17	54	55.88	36	55	....	Tr.	22	41	
15854	10	46.53	1	17	54	57.26	35	24	49.7	Tr.	44	29	
15855	8	46.46	3	17	54	57.63	37	43	10.1	Mu.	24	59	
15856	8	46.62	2	17	54	57.84	27	23	11.8	Mu.	45	2	
15857	10	48.49	2	17	55	4.13	24	10	....	Mer.	129	46	
	7	48.45	1			4.55			55.6	Mu.	171	24	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
15858	9	46.46	1	17	55	5.13	38	23	0.3[1]	Tr.	29	71	[1] Decl. changed one wire interval south.
15859	5	48.49	2	17	55	7.32	26	50	55.5	Mu.	176	45	
	8	47.34	3			7.49			52.7[2]	Mer.	100	52	[2] Decl. changed two wire intervals north.
	7	46.52	1			7.70			54.0	Tr.	36	87	
	10	48.55	3			7.81			....	Tr.	178	2	
	7	46.46	1			7.88[3]			55.1	Mer.	28	34	[3] R. A. decreased 10 sec.
15860	8	48.55	2	17	55	8.27	22	29	58.1	Mu.	181	50	
15861	9	49.47	1	17	55	9.14[4]	19	27	25.3	Mu.	259	53	[4] One of two threads rejected; record doubtful.
	8	51.57	5			9.22			23.4	Tr.	267	25	
	11	52.46	5			9.38			....	Tr.	280	21	
15862	9	46.42	1	17	55	10.17	30	33	44.0	Tr.	25	64	
	7	47.46	1			10.17			44.0	Mu.	120	112	
15863	10	48.49	2	17	55	11.49	19	48	....	Tr.	169	62	
	9.10	49.47	3			11.49			30.2	Mu.	261	43	
15864	8	47.44	1	17	55	14.39	27	51	51.5	Mu.	117	120	
	8	47.40	1			14.61			53.8	Mer.	189	87	
15865	8	46.46	3	17	55	18.09	37	28	19.4	Mu.	24	60	
15866	10	48.49	1	17	55	20.70[5]	24	9	....	Mer.	129	47	[5] R. A. increased 10 sec.
	10	48.45	1			21.51			37.3	Mu.	171	25	
15867	9	46.54	1	17	55	22.79	30	13	37.0	Mu.	37	50	
	8	47.31	2			22.83			41.5	Mer.	96	79	
15868	10	48.55	1	17	55	23.89[6]	21	16	45.6	Mer.	133	6	[6] R. A. decreased one thread interval.
15869	10	48.55	2	17	55	25. . .[7]	25	11	58.0	Tr.	174	41	[7] Separate threads give $26^{s}.08$, $25^{s}.12$. AW gives $25^{s}.3$.
15870	8	46.46	2	17	55	26.23	32	15	....	Tr.	30	66	
	8	46.46	2			26.24			35.9	Mu.	25	55	
15871	5	46.48	3	17	55	26.30	29	34	51.4	Tr.	32	71	
	5	47.32	4			26.43[8]			49.6	Mer.	97	148	[8] One of five threads rejected, R. A.$=25^{s}.31$.
	5.6	47.48	3			26.59			48.6	Tr.	125	13	
15872	8	48.43	3	17	55	31.41	25	36	....	Tr.	164	54	
	6	46.61	3			31.52			24.2	Tr.	53	19	
	7	48.63	2			31.59			22.0	Mer.	139	13	
	7	47.54	2			31.69			21.6	Mu.	123	16	
15873	10	46.53	1	17	55	37.03	35	40	55.0	Tr.	44	30	
15874	10	47.40	1	17	55	37.20	31	3	15.4	Tr.	120	34	
15875	8	46.52	1	17	55	39.43	27	5	12.7	Tr.	36	88	
15876	8.9	46.46	2	17	55	41.44	27	7	31.2	Mer.	28	35	
15877	9	46.38	2	17	55	42.18	34	36	63.3	Tr.	20	6	
	8	46.52	3			42.18			58.6	Tr.	39	37	
15878	11	46.46	1	17	55	43.57	33	18	45.3	Tr.	26	51	
15879	7	46.61	4	17	55	44.80	24	40	52.6	Mu.	42	11	
	8	48.55	1			44.87			58.2	Tr.	175	14	
	8	48.63	3			45.24			55.4	Mu.	191	9	
15880	9	48.55	2	17	55	45.53	28	41	4.2	Mu.	183	6	
	9	47.29	2			45.70			....	Mer.	94	76	
15881	9.10	49.53	1	17	55	45.60	20	56	48.1	Mu.	266	36	
	10	49.47	1			45.84			45.1	Mu.	258	56	
15882	9	46.46	3	17	55	45.78	32	12	7.3	Mu.	25	56	
15883	8	47.29	1	17	55	47.11	29	5	....	Mer.	94	77	
15884	10	48.49	1	17	55	47.28[9]	23	41	....	Mer.	129	48	[9] R. A. decreased 1 min.
15885	8	46.46	2	17	55	50.16[10]	37	26	....	Mu.	24	62	[10] R. A. decreased 20 sec.
15886	9	46.42	1	17	55	52.16	30	50	27.9	Tr.	25	65	
15887	10	48.52	2	17	55	52.67	20	49	....[11]	Tr.	171	18	[11] Decl. changed one wire interval south.
	10	49.47	2			53.03			19.6	Mu.	258	57	
15888	8	47.40	1	17	55	53.46	27	50	10.9	Mer.	189	88	
	8.9	46.46	7			54.05			10.4	Mer.	27	86	
	7	46.60	2			54.05			....	Tr.	51	24	
	8	47.44	2			54.13			9.6	Mu.	117	121	
	8	46.62	2			54.17[12]			10.5	Mu.	45	3	[12] R. A. increased one thread interval.
	8	47.54	3			54.20			11.3	Mer.	195	40	
15889	7	48.43	1	17	55	58.06	24	24	1.8	Mu.	170	55	
15890	8	46.46	1	17	55	58.59	37	29	52.5	Mu.	24	61	
15891	4.5	46.34	7	17	55	59.32	43	25	30.8	Mer.	14	32	
15892	10	48.55	1	17	56	1.99	26	37	....	Tr.	178	3	
15893	8	46.48	5	17	56	6.77[13]	29	16	41.0	Mer.	32	16	[13] Four threads decreased 10 sec. each.
	8	47.32	1			6.85			44.3	Mer.	97	149	
15894	3	47.31	1	17	56	9.78[14]	30	25	13.1	Mer.	96	80	[14] Minute assumed.
	4.5	47.46	3			10.42			12.6	Mu.	120	113	
	2.3	47.46	2			10.56			17.9	Tr.	122	72	
	2.3	46.54	3			10.56[15]			11.3	Mu.	37	51	[15] R. A. decreased one thread interval.
	4	47.44	2			10.65[16]			12.7	Mer.	190	118	[16] One of three threads rejected; R. A.$=9^{s}.63$.
15895	9	46.53	5	17	56	11.72	42	43	43.4[17]	Mer.	42	33	[17] Decl. changed one rev. south.
15896	8	46.46	1	17	56	12.92	38	36	54.1	Tr.	29	72	
15897	8	47.46	1	17	56	13.94	30	39	46.2	Mu.	120	114	
15898	6	46.53	1	17	56	15.46	36	1	33.1	Tr.	44	31	
	4	46.40	4			15.86			30.2	Mu.	16	70	
15899	11	49.47	1	17	56	19.41	19	35	12.0	Mu.	259	54	
	10	52.46	4			19.44[18]			....	Tr.	280	22	[18] One of five threads rejected, R. A.$=20^{s}.32$.
	8	51.57	5			19.61			14.2	Tr.	267	26	
15900	7	48.45	1	17	56	20.24	23	43	9.2	Mu.	171	26	
15901	9	46.46	7	17	56	22.16[19]	41	38	36.0	Mer.	26	87	[19] Two threads increased 10 sec. each.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
15902	10	48.55	2	17	56	22.20	21	40	17.2	Mu.	182	7	
	9	49.54	2			22.46			16.0	Mu.	268	20	
	9	49.47	1			22.87			16.8	Tr.	245	47	
15903	8	46.38	1	17	56	22.86	34	19	10.0	Tr.	20	7	
15904	8	46.61	3	17	56	24.93	31	33	28.0	Mu.	44	13	
15905	9	46.53	1	17	56	25.37	40	4	52.7	Mu.	34	36	
15906	9	47.40	1	17	56	26.42	31	14	46.0	Tr.	120	35	
15907	8	47.32	1	17	56	28.81	29	26	7.7[1]	Mer.	97	150	[1] Decl. changed one rev. south.
	9	46.48	2			28.99			5.5	Tr.	32	72	
15908	9	48.55	3	17	56	29.95	21	8	41.5	Mer.	133	7	
	9	48.58	3			30.18			44.2	Mu.	186	4	
	8.9	49.53	2			30.46			44.7	Mu.	266	37	
15909	7	48.49	1	17	56	34.79	26	58	45.2	Mu.	176	46	
	8	46.46	1			34.98			45.8	Mer.	28	36	
	8	47.34	3			35.10			48.0	Mer.	100	53	
	8	46.52	1			35.11			46.4	Tr.	36	89	
15910	8	49.47	1	17	56	39.94	19	45	31.6	Mu.	259	55	
	6	49.47	7			40.37			27.6	Mer.	186	1	
	8	49.47	4			40.55			29.0	Mu.	261	44	
	9	48.49	1			40.64			....[2]	Tr.	169	63	[2] Decl. changed one rev. north.
15911	9	48 63	1	17	56	45.65	25	31	34.6	Mer.	139	14	
15912	10	48.55	1	17	56	47.87	22	12	35.5	Mu.	182	8	
	9	49.54	1			48.49			33.6	Mu.	268	22	
15913	7	46.62	2	17	56	47.97	27	29	46.7	Mu.	45	4	
	8	47.54	3			48.00			45.6	Mer.	195	41	
15914	8.9	46.34	2	17	56	49.86	43	23	57.8	Mer.	14	33	
15915	8	48.43	1	17	56	53.40	24	12	2.7	Mu.	170	56	
15916	8	46.46	1	17	56	54.09	32	23	....[3]	Tr.	30	67	[3] Decl. changed two wire intervals south.
15917	9	46.40	4	17	56	54.14	36	36	....	Tr.	22	42	
15918	8	48.49	1	17	56	54.57	26	47	41.2	Mu.	176	47	
	9	46.53	3			54.66[4]			48.4	Mer.	41	18	[4] One of four threads rejected; R. A.=53^s.50.
	8	46.52	1			55.19			42.7	Tr.	36	90	
15919	9	47.48	1	17	56	58.63[5]	26	17	0.4	Mer.	193	2	[5] R. A. decreased one thread interval.
	9	47.51	3			59.02			1.4	Mer.	194	27	
	9	46.52	2			59.22			3.2	Mu.	31	61	
	9	47.34	1			59.60			19.9[6]	Mu.	114	60	[6] If micrometer reading be assumed as 31.534 instead of 31.334 rev., as recorded, Decl.= $7''.1$.
15920	9	49.54	2	17	57	2.88	22	7	19.6	Mu.	268	21	
	9	49.47	1			3.44			22.9	Tr.	245	48	
15921	10	48.49	1	17	57	2.97	19	42	....	Tr.	169	64	
	9	49.47	1			3.63			51.2	Mu.	261	45	
	10	49.47	1			4.39[7]			52.8	Mu.	259	56	[7] R. A. decreased 1 min. and increased two thread intervals.
15922	10	52.46	4	17	57	3.91[8]	19	28	....	Tr.	280	23	
15923	8	46.52	2	17	57	5. . .[9]	26	12	11.9	Mu.	31	62	[8] One of five threads rejected; R. A.=3^s.06.
	8	47.48	2			5.66			13.8	Mer.	193	3	[9] Separate threads give 4^s.82, 5^s.73.
15924	9.10	49.47	2	17	57	5.19	19	57	32.3[10]	Mu.	261	46	[10] Decl. changed ten rev. north.
15925	8	47.44	1	17	57	5.51	28	32	18.8	Mu.	117	122	
	..	47.40	1			5.58			14.7[11]	Mer.	189	89	[11] Decl. changed one rev. south.
	7	46.48	3			5.65			18.5	Mu.	27	54	
	9	48.55	2			5.70			14.4	Mu.	183	7	
15926	9	46.54	1	17	57	6.52	38	13	4.9	Tr.	47	10	
15927	10	49.53	1	17	57	10.47	21	28	4.3	Mu.	266	38	
15928	10	47.40	1	17	57	11.39	30	44	16.2	Tr.	120	36	
	8.9	47.46	1			11.87			18.0	Mu.	120	115	
	9	46.42	1			12.02			17.7	Tr.	25	66	
15929	8.9	46.52	4	17	57	13.07	39	56	1.2	Mer.	38	29	
	8	46.53	3			13.37			2.6	Mu.	34	37	
15930	9	46.53	1	17	57	13.94	39	31	36.0	Tr.	43	37	
15931	8	46.40	2	17	57	15.24[12]	36	13	51.3	Mu.	16	71	[12] R. A. decreased one thread interval.
15932	9	46.48	4	17	57	15.88	29	2	31.0	Mer.	32	17	
	8	47.29	1			16.15			....	Mer.	94	78	
15933	8	47.54	1	17	57	16.11	25	28	55.8	Mu.	123	17	
	8	48.43	2			16.27			....	Tr.	164	55	
	10	48.55	2			16.39			44.2[13]	Tr.	174	42	[13] Decl. changed one rev. north. If micrometer reading be assumed as 8.32 instead of 9.12 rev., as recorded, Decl.=$54''.4$.
	7	46.61	3			16.48			51.3	Tr.	53	20	
	8	48.63	2			16.56			54.4	Mer.	139	15	
15934	7	47.44	1	17	57	16.43	28	22	15.0	Mu.	117	123	
	8	46.48	1			16.49			8.8	Mu.	27	55	
	8	47.40	1			16.67			14.5	Mer.	189	90	
	6	46.60	3			16.69			....	Tr.	51	25	
15935	12	46.39	3	17	57	22.28	38	52	....	Tr.	21	26	
15936	9	46.48	4	17	57	23.11	29	4	53.3	Mer.	32	18	
	8	47.29	1			23.14			....	Mer.	94	79	
	9	47.55	1			23.16			56.0	Mu.	124	16	
15937	9	46.52	4	17	57	23.67	34	59	50.6	Mu	33	31	[14] Minute uncertain; may be 58^m. Not in BD or CPD. An equatorial comparison with No. 15943 gives a star preceding 1^s.5, north 4′ 57″.
15938	9.10	48.49	2	17	57	23.83	23	57	....	Mer.	129	49	
15939	11	52.46	5	17	57	26.38	19	33	....	Tr.	280	24	
15940	7	46.46	1	17	57	33.81	38	34	31.7	Tr.	29	73	
	8	46.54	1			33.82			29.9	Tr.	47	11	[15] Separate threads give 37^s.40, 36^s.54. GZ gives 36^s.6.
15941	10.11	49.47	1	17	57	36.31[14]	20	22	58.1	Mu.	258	59	
15942	9	47.51	2	17	57	36. . .[15]	26	7	0.9[16]	Mer.	194	28	[16] Decl. changed five rev. north.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
15943	10	49.47	2	17	57	37.34[1]	20	27	53.5	Mu.	258	58	[1] R. A. increased 10 sec.
	10	48.52	1			37.35			....	Tr.	171	19	
15944	9	46.52	1	17	57	38.04	27	6	35.7	Tr.	36	91	
	8	47.34	1			38.49			35.8	Mer.	100	54	
15945	9	46.52	1	17	57	38.77	26	6	26.7	Mu.	31	63	
15946	10	48.63	1	17	57	41.38	19	4	....	Tr.	185	1	
15947	8.9	48.55	4	17	57	42.31	22	28	19.8	Mu.	181	51	
15948	8	46.38	1	17	57	45.83	34	15	8.7	Tr.	20	8	
15949	8.9	49.54	2	17	57	46.97	22	3	16.0	Mu.	268	23	
	8	49.47	1			47.39			16.3	Tr.	245	49	
15950	8	49.53	1	17	57	50.96	21	30	49.1	Mu.	266	39	
	9	48.58	3			51.31			49.7	Mu.	186	5	
	9	48.55	1			51.65[2]			48.5	Mer.	133	8	[2] R. A. decreased 10 sec.
15951	9	46.48	1	17	57	51.85	29	29	11.7	Tr.	32	73	
	8	47.48	2			51.94			12.9	Tr.	125	14	
15952	6.7	49.65	1	17	57	52.68	18	59	34.6[3]	Mer.	186	2	[3] Decl. changed one rev. south.
	9	48.63	2			53.14			....	Tr.	185	2	
15953	9	46.52	1	17	57	52.75	35	1	57.0	Mu.	33	32	
15954	10	46.53	1	17	57	56.18	35	28	3.9	Tr.	44	32	
15955	9	46.46	3	17	58	5.78[4]	27	59	56.5	Mer.	27	87	[4] Two threads increased 10 sec. each.
15956	10	48.52	2	17	58	5.93	23	2	48.2	Mer.	130	8	
15957	9	46.48	1	17	58	6.65	29	27	5.4	Tr.	32	74	
	7	47.48	2			6.68			20.8[5]	Tr.	125	15	[5] Decl. changed one wire interval north and one rev. south. AW gives 7″.
15958	8.9	46.52	7	17	58	7.80	42	40	9.6	Mer.	36	30	
	8.9	46.53	4			8.04			10.8	Mer.	42	34	
15959	10	46.54	1	17	58	9.44	38	13	38.5	Tr.	47	12	
15960	8	48.55	1	17	58	11.50	21	27	13.6	Mer.	133	9	
	7	49.53	2			11.53			14.0	Mu.	266	40	
	7	48.58	2			11.71			13.1	Mu.	186	6	
15961	9	46.61	1	17	58	11.73	25	6	52.7	Mu.	42	13	
	9	48.55	2			12.16			51.6	Tr.	175	15	
	9	48.63	2			12.21			52.9	Mu.	191	10	
	8	46.61	4			12.34			53.8	Mu.	42	12	
	10	48.55	1			12.70			50.3	Tr.	174	43	
15962	11	48.55	2	17	58	14.99	26	42	....	Tr.	178	4	
15963	8	47.54	1	17	58	17.13	25	34	48.3	Mu.	123	18	
	7	46.61	2			17.63			40.8[6]	Tr.	53	21	[6] Micrometer record is 12 rev. May be only approximate.
	7	48.63	3			17.67			48.2	Mer.	139	16	
	8	48.43	3			17.75			....	Tr.	164	56	
15964	9	46.54	2	17	58	18.20[7]	29	44	21.8	Mu.	37	52	[7] R. A. decreased one thread interval.
	8	47.44	4			18.46[8]			27.2[9]	Mer.	190	119	[8] One of five threads rejected; R. A.=17^{s}.67.
15965	7	47.54	1	17	58	20.72	25	36	17.9	Mu.	123	19	[9] Decl. changed one wire interval north.
	7	48.63	1			20.81[10]			14.7[11]	Mer.	139	17	[10] R. A. decreased 1 min.
15966	7.8	46.61	2	17	58	20.74	31	0	47.5	Mu.	44	14	[11] Decl. changed one rev. south.
	7.8	47.46	1			21.11			51.7	Mu.	120	116	
	8	46.42	1			21.24			48.9	Tr.	25	67	
	8	47.40	1			21.41			47.6	Tr.	120	37	
15967	9	48.58	1	17	58	21.74	21	12	40.3	Mu.	186	7	
15968	9	46.38	1	17	58	24.91	34	31	19.0	Tr.	20	9	
15969	9	46.52	1	17	58	25.24	34	50	21.7	Mu.	33	33	
15970	8	46.53	1	17	58	27.04	39	30	24.4	Tr.	43	38	
15971	4	46.60	2	17	58	34.73	28	28	....	Tr.	51	26	
	3	46.48	2			34.97			3.3	Mu.	27	56	
	5.6	47.40	2			35.01			5.4	Mer.	189	91	
	4	47.44	2			35.07			5.2	Mu.	117	124	
	7	47.55	2			35.08			5.1	Mu.	124	17	
	7	48.55	4			35.09			4.4	Mu.	183	8	
15972	9	47.40	1	17	58	37.41	31	1	6.8	Tr.	120	38	
15973	9	48.55	1	17	58	37.99[12]	22	5	16.1	Mu.	182	9	[12] R. A. increased 1 min.
15974	9	48.52	2	17	58	39. ..[13]	23	6	59.1	Mu.	178	10	[13] Separate threads give 39^{s}.44, 38^{s}.63.
	8	48.48	4			39.00			59.9	Mu.	175	86	
	8.9	48.52	2			39.08			58.2	Mer.	130	9	
15975	8.9	49.54	2	17	58	40.96	21	52	20.7	Mu.	268	24	
	9	49.47	1			41.01			19.3	Tr.	245	50	
	10	48.55	1			41.18			17.7	Mu.	182	10	
15976	8	46.46	1	17	58	40.81	27	19	32.2	Mer.	28	37	
	8	46.52	1			41.22			35.7	Tr.	36	92	
	8	47.54	3			41.24			37.7	Mer.	195	42	
15977	9	48.52	2	17	58	44.80	22	53	29.1	Mu.	178	11	
	7.8	48.48	2			44.82			29.8	Mu.	175	87	
	9	48.55	1			44.88			29.6	Mu.	181	52	
15978	8	47.54	1	17	58	50.84	25	21	42.0	Mu.	123	20	
	10	48.63	2			51.16[14]			45.4	Mu.	191	11	[14] Separate threads give 50^{s}.80, 51^{s}.53.
	9	48.55	2			51.24			43.1	Tr.	175	16	
15979	12	46.46	1	17	58	54.64	31	58	....[15]	Tr.	30	68	[15] Decl. changed one wire interval north.
15980	7	46.46	1	17	58	56.14	38	37	32.0	Tr.	29	74	
	8	46.54	1			56.18			30.3	Tr.	47	13	
15981	8	47.54	1	17	58	59.34[16]	27	39	29.4	Mer.	195	43	[16] R. A. increased 1 min. and decreased two thread intervals.
	8	46.62	2			59.76			28.8	Mu.	45	5	
15982	9	46.53	4	17	59	1.25	42	25	9.5	Mer.	42	35	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
15983	..	48.63	1	17	59	4.34′	25	43	41.2 [1]	Mer.	139	18	[1] Decl. changed one rev. south.
	7	46.61	1			4.54			47.1	Tr.	53	22	
15984	10	46.40	3	17	59	5.27	36	58	....	Tr.	22	43	
15985	8.9	48.55	1	17	59	5.99	22	17	12.5	Mu.	181	53	
	9	48.45	1			6.48			.... [2]	Mer.	127	26	[2] Decl. changed twelve rev. south.
15986	9	47.31	1	17	59	6.57	30	9	53.3	Mer.	96	81	
	9	47.44	2			6.78			46.4	Mer.	190	120	
15987	8	47.54	1	17	59	6.59 [3]	27	52	37.8	Mer.	195	44	[3] R. A. decreased two thread intervals
	7	47.44	1			7.63 [4]			39.4	Mu.	117	125	[4] R. A. decreased one thread interval.
	8	46.46	4			7.76			38.2	Mer.	27	88	
	8	46.62	1			8.09			40.8 [5]	Mu.	45	6	[5] Decl. changed five rev. north.
15988	7	46.40	2	17	59	12.16	36	41	18.4	Mu.	16	72	
15989	8.9	46.53	4	17	59	13.40	33	34	39.6	Mu.	36	1	
	9	46.46	2			13.51			37.0	Mu.	22	106	
	8	46.46	2			13.56			34.1	Tr.	26	52	
15990	9	46.46	1	17	59	15.55	33	19	51.9 [6]	Tr.	26	53	[6] If micrometer reading be assumed as 7.51 instead of 7.31 rev., as recorded, Decl.= 62″.0. GZ gives 65″.
15991	8	46.61	3	17	59	16.71	31	10	27.5	Mu.	44	15	
	9	47.40	1			16.84			29.0	Tr.	120	39	
	7	48.55	3			16.95			27.8	Mer.	134	1	
15992	8	47.44	2	17	59	16. .. [7]	30	0	29.2	Mer.	190	121	[7] Separate threads give 16^{s}.38, 15^{s}.48. Gou gives 17^{s}.8.
	8	47.31	1			17.28			27.2	Mer.	96	82	
	6	46.54	2			18.01			27.0	Mu.	37	53	
	8	47.46	1			13.29			24.1	Tr.	122	73	
15993	8	46.53	1	17	59	20.01	35	43	21.5	Tr.	44	33	
15994	9	47.55	1	17	59	20.55	28	46	7.9	Mu.	124	18	
	9	46.48	1			20.91			8.8	Mu.	27	57	
	..	47.29	3			20.92 [8]			....	Mer.	94	80	[8] R. A. increased 5 sec.
	9	46.48	6			21.04			9.8	Mer.	32	19	
	9	48.55	2			21.08			8.9	Mu.	183	9	
	7.8	46.63	5			21.16			8.7	Mu.	47	1	
15995	10	49.47	1	17	59	22.11	20	51	24.5	Mu.	258	60	
15996	9	47.44	1	17	59	27.28	27	47	57.4	Mu.	117	126	
	8	46.46	4			27.35			56.9	Mer.	27	89	
	7	46.62	1			27.49			58.7	Mu.	45	7	
15997	10	48.55	2	17	59	28.36	26	34	....	Tr.	178	5	
	8.9	46.46	1			28.53			7.5	Mer.	28	38	
	8	47.34	2			28.79 [9]			14.0	Mer.	100	55	[9] One of three threads rejected; R. A.=27^{s}.84.
15998	8	49.53	2	17	59	29.66	21	16	4.1	Mu.	266	41	
	8	48.58	1			29.67			1.7	Mu.	186	8	
15999	9	46.53	4	17	59	30.82	42	25	11.7	Mer.	42	36	
16000	9.10	49.47	2	17	59	31.86	19	57	35.8 [10]	Mu.	261	47	[10] Decl. changed ten rev. north.
16001	9	49.47	1	17	59	33.64	19	52	59.8	Mu.	261	48	
	10	48.49	1			33.71			....	Tr.	169	65	
16002	8	46.46	1	17	59	34.22	33	15	1.1	Tr.	26	54	
16003	6	48.43	2	17	59	37.14	25	29	....	Tr.	164	57	
	6	48.63	1			37.34			21.7	Mer.	139	19 [11]	[11] "First of double."
	5	46.61	1			37.49			20.7	Mu.	42	14	
	9	48.55	1			37.55 [12]			22.0	Tr.	175	17	[12] R. A. increased two thread intervals.
	6	47.54	2			37.71			16.9	Mu.	123	21	
16004	7	48.58	1	17	59	38.52	21	27	51.8	Mu.	186	9	
	7	49.53	3			38.79			53.1	Mu.	266	42	
	8	48.55	1			38.90			50.9	Mer.	133	10	
16005	9	49.47	2	17	59	42.15	22	10	36.9	Tr.	245	51	
	9	49.54	1			42.35			33.9	Mu.	268	25	
16006	9	49.47	1	17	59	47.40	20	6	8.1	Mu.	261	49	
16007	9	46.54	1	17	59	47.99	38	35	26.1	Tr.	47	14	
	10	46.46	1			48.24			29.1	Tr.	29	75	
16008	8	51.60	5	17	59	48.56	16	25	54.5	Tr.	268	6	
16009	9	51.60	5	17	59	49.20	16	30	16.3	Tr.	268	7	
16010	8	46.46	3	17	59	49.92	27	44	59.6	Mer.	27	90	
	8	46.62	1			50.16			63.7	Mu.	45	8	
	7	47.44	1			51.84			61.2	Mu.	117	127	
16011	7	46.52	2	17	59	50. .. [13]	34	45	55.5	Mu.	33	34	[13] Separate threads give 51^{s}.22, 49^{s}.95.
	9	46.38	1			50.60			54.3 [14]	Tr.	20	10	[14] Decl. changed two rev. north.
16012	9	49.54	2	17	59	53.48	22	11	32.4	Mu.	268	26	
16013	9	49.47	2	17	59	54.42	20	56	0.4	Mu.	258	61	
	9	48.52	1			54.46			....	Tr.	171	20	
16014	9	49.53	2	17	59	55.78 [15]	21	25	7.7	Mu.	266	43	[15] One thread decreased 10 sec.
	9	48.55	1			56.00 [16]			4.5	Mer.	133	11	[16] Time of transit assumed as 3^{s}.5 instead of 35^{s}, as recorded.
16015	8	47.51	3	17	59	56.12	26	7	6.1	Mer.	194	29	
	7.8	47.34	3			56.13			9.2	Mu.	114	61	
	8	47.48	3			56.21			9.4	Mer.	193	4	
	7	46.52	3			56.29			9.6	Mu.	31	64	
16016	10	46.53	1	17	59	56.56	35	36	9.4 [17]	Tr.	44	34	[17] Decl. changed one wire interval south.
16017	8	49.65	3	17	59	59.11	18	59	32.8	Mer.	186	3	
	9	49.47	1			59.23			34.2	Mu.	259	57	
16018	9	47.29	2	18	0	2.25	28	52	....	Mer.	94	81	
16019	10	49.53	..	18	0	5. ..	21	25	25.7	Mu.	266	44	
16020	9.10	48.49	2	18	0	7.28 [18]	24	0	....	Mer.	129	50	[18] R. A. increased 1 min.
	5	48.45	1			7.59			21.1	Mu.	171	27	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
16021	9	52.52	5	18	0	7.44	17	31	25.6	Tr.	282	8	
16022	9	49.54	2	18	0	9.32	22	11	50.7	Mu.	268	27	
16023	4	46.46	3	18	0	10.14	32	43	55.5	Mu.	25	57	
16024	9	48.52	2	18	0	11.10	22	54	21.8	Mer.	130	10	
	8	48.48	4			11.73			24.0	Mu.	175	88	
16025	9.10	49.47	1	18	0	11.25	19	53	31.6	Mu	261	50	
	6	48.49	1			11.95			....	Tr.	169	66	
16026	10	49.47	1	18	0	14.75	19	52	47.4	Mu.	261	51	
16027	9	46.40	3	18	0	15.72	37	14	....	Tr.	22	44	
	9	46.46	1			15.88			29.6	Mu.	24	63	
16028	8	46.46	2	18	0	15.78	32	9	....[1]	Tr.	30	69	[1] Decl. changed one rev. north.
16029	8.9	46.52	4	18	0	15.91	40	27	4.4	Mer.	38	30[2]	[2] "Double, following observed."
	8.9	46.61	3			15.93[3]			4.0	Mer.	49	4	[3] One of four threads rejected; R. A. = $15^{s}.16$.
16030	6.7	47.46	5	18	0	25.44	30	44	47.8	Mu.	120	117	
	5	47.40	2			25.56			48.0	Tr.	120	40	
	5	46.42	2			25.58			44.4	Tr.	25	68	
16031	6	48.45	1	18	0	27.57	23	35	9.2	Mu.	171	28	
16032	6.7	46.46	7	18	0	27.69	41	22	43.7	Mer.	26	88	
	8	46.58	7			27.85			41.5	Mer.	47	1	
16033	9	48.43	1	18	0	28.19	24	43	56.2	Mu.	170	57	
	9	48.55	2			28.60			62.1	Tr.	174	44	
16034	10	48.55	1	18	0	30.54	21	35	26.7	Mu.	182	11	
16035	7	46.58	4	18	0	35.94	31	33	7.8	Mu.	39	1	
	8	48.55	3			35.95			7.4	Mer.	134	2	
	8	46.61	2			36.22			6.5	Mu.	44	16	
16036	8	46.61	1	18	0	40.61	25	18	18.0	Mu.	42	15	
	9	48.55	2			41.02			17.4	Tr.	175	18	
	11	48.63	1			41.18			20.1	Mu.	191	12	
16037	8.9	48.48	1	18	0	41.41	23	27	35.6	Mu.	175	89	
16038	8.9	48.62	2	18	0	44.88	19	22	30.7	Mu.	190	1	
	8	49.47	2			44.89			32.1	Mu.	259	58	
	11	52.46	5			45.08			....	Tr.	280	25	
	8	49.65	2			45.10			33.4	Mer.	186	4	
	6	51.57	5			45.14			33.9	Tr.	267	27	
	..	52.46	5			45.24			....	Tr.	280	26	
16039	9	46.48	6	18	0	44.91[4]	29	13	61.1	Mer.	32	20	[4] One of seven threads rejected; R. A. = $46^{s}.50$.
	9	46.48	1			45.04			58.7	Tr.	32	75	
	8	47.32	3			45.40			51.7	Mer.	97	151	
16040	9	46.46	2	18	0	45.81	33	56	17.7	Mu.	22	108	
	7.8	46.53	3			46.07[5]			18.8	Mu.	36	2	[5] R. A. increased 1 min.
16041	10	48.63	3	18	0	55.52[6]	18	51	....	Tr.	185	3	[6] R. A. decreased one thread interval.
16042	9.10	48.49	1	18	0	57.38[7]	23	47	....	Mer.	129	51	[7] R. A. increased one thread interval.
	5	48.55	1			57.47[8]			35.6	Mer.	132	29	[8] R. A. decreased one thread interval.
16043	9	46.52	2	18	0	57.86	42	39	50.3	Mer.	36	32	
16044	8.9	46.34	4	18	0	58.49[9]	43	6	14.2	Mer.	14	34	[9] R. A. decreased 1 min.
	9	46.52	3			58.84			16.2	Mer.	36	31	
16045	6.7	46.53	3	18	1	0.12[10]	33	48	57.2[11]	Mu.	36	3	[10] R. A. increased 1 min.
	8	46.46	3			0.16			79.6	Mu.	22	107	[11] If micrometer reading be assumed as 30.162 instead of 30.462 rev., as recorded, Decl. = 76″.1. Gou gives 78″.
16046	9	47.40	3	18	1	3.75	28	10	26.2	Mer.	189	92	
	9	46.60	2			3.76			....	Tr.	51	27	
	7	47.44	1			3.80			27.9	Mu.	117	128	
	8.9	46.46	4			3.96			30.3	Mer.	27	91	
16047	8.9	46.52	3	18	1	12.84	40	13	62.4	Mer.	38	31	
	8	46.53	3			13.21			52.4	Mu.	34	38	
16048	8	47.51	3	18	1	14.41	26	3	14.8	Mer.	194	30	
	8	46.52	4			14.42			13.2	Mu.	31	65	
	7	47.34	3			14.55			14.5	Mu.	114	62	
	6	48.63	1			14.63			14.1	Mer.	139	20	
	7	47.54	1			14.68			17.2	Mu.	123	22	
	8	47.48	2			14.75[12]			12.4	Mer.	193	5	[12] One of three threads rejected; R. A. = $13^{s}.54$.
16049	10	47.54	1	18	1	14.66	27	26	27.7	Mer.	195	45	
16050	8.9	49.53	1	18	1	14.68	21	20	52.6	Mu.	266	45	
	9	48.55	1			15.14			49.4	Mer.	133	12	
16051	8	48.62	3	18	1	16.00	20	28	59.6	Tr.	184	1	
16052	10	48.45	1	18	1	21.27	23	35	12.4	Mu.	171	29	
16053	8	52.52	5	18	1	24.79	17	45	10.9	Tr.	282	9	
16054	..	47.44	2	18	1	27.78	29	46	25.0	Mer.	190	122	
	9	47.46	1			27.83			20.6	Tr.	122	74	
	7	46.52	2			27.84			21.9[13]	Tr.	40	1	[13] Decl. changed one wire interval south.
	..	47.32	2			27.91			25.8	Mer.	97	152	
	7	46.54	2			28.02			23.6	Mu.	37	54	
	8	49.50	1			28.22			23.5	Mu.	262	1	
	7	47.48	3			28. ..[14]			26.7	Tr.	125	16	[14] Separate threads give $29^{s}.12$, $17^{s}.54$, $18^{s}.08$
16055	9	47.40	1	18	1	29.97	28	20	53.8	Mer.	189	93	
	9	46.60	1			30.23			....	Tr.	51	28	
16056	7	46.46	1	18	1	30.80	33	20	48.5	Tr.	26	55	
16057	9	51.60	5	18	1	32.72	16	16	56.3	Tr.	268	8	
16058	7	46.52	5	18	1	39.25	35	2	58.5	Mu.	33	35	
16059	..	47.32	1	18	1	40.75	29	39	44.3	Mer.	97	153	
	8	49.50	1			40.89			45.0	Mu.	262	2	
	7	46.54	3			41.03			42.5	Mu.	37	55	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE	NO.	NOTES.
		1800+		h	m	s	°	′	″				
16060	8.9	49.54	3	18	1	40.89	22	15	45.8	Mu.	268	28	
	9	48.55	4			40.98[1]			42.2	Mu.	181	54	[1] R. A. decreased 10 sec.
	9	49.47	2			40.98			49.2	Tr.	245	52	
	9	48.45	4			41.23			....	Mer.	127	27	
	9	48.55	1			41.26			44.4[2]	Mu.	182	12	[2] Decl. changed five rev. north.
16061	9	47.44	1	18	1	42.46	29	55	31.9	Mer.	190	123	
16062	9	46.53	1	18	1	44.25	39	22	8.6	Tr.	43	39	
16063	10	51.57	5	18	1	47.46	19	19	17.7	Tr.	267	28	
16064	5	46.61	3	18	1	47.49	25	47	7.5	Tr.	53	23	
	5	48.63	1			47.55			12.7	Mer.	139	21	
	8	48.43	2			47.58			....	Tr.	164	58	
	6.7	47.54	2			47.59			10.4	Mu.	123	23	
16065	8.9	49.53	2	18	1	47.63	21	20	3.2	Mu.	266	46	
	9	48.58	2			47.79			1.6	Mu.	186	10	
16066	8	46.46	3	18	1	50.08	32	25	40.3	Mu.	25	58	
16067	9	46.38	2	18	1	53. . .[3]	34	37	13.6	Tr.	20	11	[3] Separate threads give 53^{s}.35, 52^{s}.29. GZ gives 53^{s}.4.
16068	8	46.54	1	18	1	55.00	38	12	35.3	Tr.	47	15	
	8	46.46	2			55.08			34.3	Tr.	29	76	
16069	9	48.55	1	18	1	55.45[4]	21	13	47.4	Mer.	133	13	[4] Minute assumed.
16070	10	47.34	2	18	1	55. . .[5]	26	40	3.9	Mer.	100	56	[5] Separate threads give 55^{s}.28, 56^{s}.37.
	11	48.55	3			55.76			....	Tr.	178	6	
	9	46.52	1			56.05			5.9	Tr.	36	93	
16071	8	48.53	1	18	2	0.41[6]	23	22	30.1	Mu.	179	1	[6] R. A. decreased 1 min.
	9	48.52	2			0.48			28.7	Mer.	130	11	
	10	48.52	3			0.56			28.5[7]	Mu.	178	12	[7] Decl. changed one rev. north.
	8.9	48.48	2			0.77			30.3	Mu.	175	90	
16072	9	46.38	1	18	2	1.34	34	37	1.3	Tr.	20	12	
16073	8	46.53	1	18	2	4.04	39	22	6.8	Tr.	43	40	
16074	10	48.63	1	18	2	6.21	18	53	....	Tr.	185	4	
16075	8	46.46	2	18	2	7.36	32	40	36.7	Mu.	25	59	
16076	9	49.53	1	18	2	8.53	20	54	26.4	Mu.	266	47	
	10	49.47	1			9.14			24.5	Mu.	258	62	
16077	9	46.46	3	18	2	9.50	37	46	43.0	Mu.	24	64	
16078	8	46.53	2	18	2	9.60	34	5	41.8	Mu.	36	4	
	8.9	46.46	2			9.86			38.3	Mu.	22	109	
16079	9	48.55	2	18	2	15.80[8]	31	17	26.9	Mer.	134	3	[8] One thread increased 10 sec.
16080	8	47.40	1	18	2	16.70	28	3	24.4	Mer.	189	94	
	8.9	46.46	5			16.81			25.0	Mer.	27	92	
	7	47.44	1			16.85			23.4	Mu.	117	129	
16081	9	46.53	5	18	2	18.68	42	18	47.4	Mer.	42	37	
16082	8	46.61	3	18	2	19.77	26	2	6.0	Tr.	53	24	
16083	7.8	49.47	3	18	2	21.45	19	51	55.1	Mu.	261	52	
	5	49.65	2			21.49			58.5	Mer.	186	5	
	7	48.49	2			21.49			....	Tr.	169	67	
16084	9	46.46	2	18	2	25.79	32	18	....	Tr.	30	70	
16085	7	46.52	2	18	2	25.92	29	35	49.4	Tr.	40	2	
	8	49.50	2			25.94			48.3	Mu.	262	3	
	8	47.32	1			26.06[9]			52.3	Mer.	97	154	[9] R. A. decreased one thread interval.
16086	6	46.48	4	18	2	26.17	28	55	40.1	Mu.	27	58	
	7	47.29	2			26.21[10]			....	Mer.	94	82	[10] One of three threads rejected; R. A. = 27^{s}.45.
	7.8	46.48	7			26.26			35.5	Mer.	32	21	
	6.7	46.63	5			26.28			39.7	Mu.	47	2	
	7	47.55	4			26.34			37.9	Mu.	124	19	
	8	48.55	2			26.54[11]			37.2	Mu.	183	10	[11] One of three threads rejected; R. A. = 25^{s}.81.
16087	8	52.52	5	18	2	26.93	17	24	32.4	Tr.	282	10	
16088	9	48.62	3	18	2	27.49	19	27	49.0	Mu.	190	2	
	10	52.46	5			27.68			....	Tr.	280	27	
	10	49.47	1			27.84[12]			48.6	Mu.	259	59	[12] R. A. increased one thread interval.
16089	9.10	49.47	..	18	2	27. . .	20	44	15.1	Mu.	258	63	
	10	48.52	2			27.60			....	Tr.	171	21	
16090	8	46.40	2	18	2	33.12	36	30	26.6	Mu.	16	73	
16091	9	47.54	1	18	2	33.17[13]	27	50	16.3	Mer.	195	46	[13] R. A. increased 10 sec.
16092	3	48.45	1	18	2	34.18	23	43	34.2	Mu.	171	30	
	8.9	48.49	3			34.20[14]			....	Mer.	129	52	[14] R. A. decreased 1 min.
	4	48.55	2			34.24			33.0	Mer.	132	30	
16093	8	46.53	1	18	2	34.35	39	11	5.3	Tr.	43	41	
	9	46.39	2			34.66[15]			....	Tr.	21	27	[15] One of three threads rejected; R. A. = 33^{s}.64.
16094	7.8	46.58	5	18	2	35.42	41	21	53.5	Mer.	47	2	
	6	46.46	5			35.43			53.0	Mer.	26	89	
16095	8	46.54	1	18	2	36.68	29	53	10.2	Mu.	37	56	
16096	11	48.55	2	18	2	37.54	25	4	49.2	Tr.	174	45	
	10	48.55	1			37.69			51.9	Tr.	175	19	
16097	9.10	48.55	2	18	2	43. . .[16]	29	2	59.6	Mu.	183	11	[16] Separate threads give 43^{s}.05, 43^{s}.88.
	8	47.29	2			44.31			....[17]	Mer.	94	83	[17] Decl. changed one rev. south.
16098	8	46.52	3	18	2	44.09	26	25	22.1	Mu.	31	66	
	8	47.34	1			44.27			22.9	Mu.	114	63	
	8	47.51	3			44.33			18.7[18]	Mer.	194	31	[18] Decl. changed ten rev. south.
	10	48.55	1			44.39			....	Tr.	178	7	
	9	47.48	3			44.41			32.8	Mer.	193	6	[19] R. A. decreased 1 min. One of four threads rejected; R. A. = 43^{s}.77.
	8	47.48	3			44.59[19]			20.8	Mer.	102	1	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE	NO.	NOTES.
		1800+		h	m	s	°	′	″				
16099	9	47.44	1	18	2	49.48	30	2	31.6	Mer.	190	124	
	9	47.46	1			49.82			31.8	Tr.	122	75	
16100	7	46.34	3	18	2	59.53 [1]	43	14	2.4	Mer.	14	35	[1] One of four threads rejected; R. A.=58ˢ.62.
16101	9.10	46.54	4	18	3	0.70	44	40	....	Mer.	44	1	
16102	8	46.53	1	18	3	1.10	39	43	69.2	Tr.	43	42	
	7	46.53	2			1.50			58.0 [2]	Mu.	34	39	[2] If micrometer reading be assumed as 50.57 instead of 50.77 rev., as recorded, Decl.=70″.6. GZ gives 70″.
16103	9	49.47	..	18	3	1...	20	27	2.2	Mu.	258	64	
	9	48.52	1			1.27			....	Tr.	171	22	
	9	49.47	1			1.36			5.9	Mu.	261	53	
	7	48.62	2			1.40			0.8	Tr.	184	2	
16104	8.9	46.46	5	18	3	4.21	41	9	19.3 [3]	Mer.	26	90	[3] Decl. changed one wire interval north.
	8	46.61	7			4.30			18.3	Mer.	49	5	
	8.9	46.58	4			4.46			21.1 [4]	Mer.	47	3	[4] Decl changed one wire interval north.
16105	7	48.55	2	18	3	8.40	30	58	33.8	Mer.	134	4	
	8.9	47.46	2			8.64			37.0	Mu.	120	118	
	9	46.42	1			8.70 [5]			37.4	Tr.	25	69	[5] R. A. decreased one thread interval.
	9	47.40	1			8.72			33.7	Tr.	120	41	
	8.9	46.58	5			9.02			35.4	Mu.	39	2	
16106	7	46.60	2	18	3	8.66	28	15	....	Tr.	51	29	
	8.9	46.46	4			8.89			56.5	Mer.	27	93	
	7	47.44	1			8.94			66.3 [6]	Mu.	117	130	[6] If reduced for wire 3, 25.54 rev. instead of wire 3, 25.34 rev., as recorded, Decl.=53″.8.
	9	47.40	1			9.03			53.2	Mer.	189	95	
16107	9.10	48.55	2	18	3	14.49 [7]	21	15	25.1 [8]	Mer.	133	14	[7] R. A. increased 5 sec.
16108	9	47.34	3	18	3	15.25	27	10	14.7	Mer.	100	57	[8] Decl. changed one rev. south.
16109	11	46.40	4	18	3	16.00	36	45	....	Tr.	22	45	
16110	8	46.46	1	18	3	22.09	33	34	21.3	Tr.	26	56	
	9	46.46	2			22.37			22.6	Mu.	22	110	
16111	8	49.47	2	18	3	22... [9]	19	27	39.9	Mu.	259	60	[9] Separate threads give 22ˢ.53, 18ˢ.93.
	6	51.57	5			22.95			41.9	Tr.	267	29	
	7	49.47	3			22.96			39.3	Mer.	186	6	
	..	52.46	5			23.12			....	Tr.	280	28	
	8	48.62	3			23.19 [10]			40.5	Mu.	190	3	[10] One of four threads rejected; R. A.=22ˢ.39.
16112	10	46.60	1	18	3	29.53	28	20	....	Tr.	51	30	
16113	9	46.64	1	18	3	30.02	37	16	58.2	Mu.	48	1	
16114	9	52.52	5	18	3	30.38	17	24	18.7	Tr.	282	11	
16115	7	48.55	2	18	3	38.52	23	35	54.4	Mer.	132	31	
16116	10	48.63	1	18	3	40.64	18	53	....	Tr.	185	5	
16117	7	46.46	1	18	3	41.17	33	31	13.3	Tr.	26	57	
	9	46.53	1			41.84			14.1	Mu.	36	5	
16118	10	49.53	2	18	3	41.94	21	1	3.8	Mu.	266	48	
16119	7	46.53	2	18	3	43... [11]	39	58	53.3	Mu.	34	40	[11] Separate threads give 43ˢ.31, 44ˢ.25.
	8	46.52	4			43.76			53.5	Mer.	38	32	
16120	10	46.52	3	18	3	46.71	29	22	59.6	Tr.	40	3 [12]	[12] "Double; brighter observed."
16121	7.8	46.54	2	18	3	46.91	38	26	40.9	Tr.	47	16	
	7	46.46	2			47.06			39.8	Tr.	29	77	
16122	7	51.60	5	18	3	47.53	16	24	38.2	Tr.	268	9	
16123	8	46.46	2	18	3	51.19	31	59	....	Tr.	30	71	
16124	9	46.46	3	18	3	54.14	37	39	13.3	Mu.	24	65	
	8	46.64	2			54.26			16.3	Mu.	48	2	
16125	9	46.62	3	18	3	54.66	27	14	45.5	Mu.	45	9	
	8	46.46	7			54.86			48.2	Mer.	28	39	
	8	46.52	1			54.88			46.5	Tr.	36	94	
	8	47.54	1			55.08 [13]			49.5	Mer.	195	47	[13] R. A. increased 10 sec.
	8	48.49	3			55.21			48.4 [14]	Mu.	176	48	[14] Decl. changed one rev. south.
	7.8	47.34	1			55.28			45.3	Mer.	100	58	
16126	7	48.53	4	18	3	55.84	23	8	52.6	Mu.	179	2	
	7	48.52	3			55.88			51.9	Mu.	178	13	
	7.8	48.48	5			55.99			51.0	Mu.	175	91	
	8.9	48.52	4			56.03			52.1	Mer.	130	12	
16127	10	49.47	1	18	3	56.46	20	34	35.6	Mu.	258	65	
16128	8	52.52	5	18	4	0.67	17	26	45.5	Tr.	282	12	
16129	10	52.52	5	18	4	1.88	17	29	38.6	Tr.	282	13	
16130	9	49.47	2	18	4	2.68	19	46	32.6	Mu.	261	54	
	10	48.49	2			3.90			.... [15]	Tr.	169	68	[15] Decl. changed nine rev. south.
16131	8	46.38	2	18	4	4.70	34	19	14.9	Tr.	20	13	
16132	8	48.55	2	18	4	6... [16]	31	22	27.8	Mer.	134	5	[16] Separate threads give 5ˢ.05, 6ˢ.46. CPD gives 6ˢ.3.
16133	7.8	46.38	2	18	4	6.69	34	37	47.4	Tr.	20	14	
	7	46.52	3			6.79			45.1	Mu.	33	36	
16134	9	48.55	2	18	4	7.09	25	10	50.8	Tr.	174	46	
	8	48.55	2			7.19			53.5	Tr.	175	20	
	8.9	48.63	2			7.25			55.3	Mu.	191	13	
	6	46.61	3			7.25			53.9	Mu.	42	16	
16135	7	51.60	5	18	4	7.41	16	36	23.9	Tr.	268	10	
16136	8	46.46	1	18	4	10.28	33	16	0.3	Tr.	26	58	
16137	10	46.53	1	18	4	11.23	35	26	45.0	Tr.	44	35	
16138	9	46.64	1	18	4	11.52	37	41	3.9	Mu.	48	3	
	9	46.46	1			11.96			3.1	Mu.	24	66	
16139	10	49.47	2	18	4	13.45	21	45	28.3	Tr.	245	53	
	9	48.55	1			13.77 [17]			32.8	Mu.	182	13	[17] R. A. decreased one thread interval.
16140	9	48.53	1	18	4	14.30	22	51	56.1	Mu.	179	3	
	9.10	48.45	2			14.43			....	Mer.	127	28	
	9	48.55	3			14.58			56.4	Mu.	181	55	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
16141	8	48.62	2	18	4	14.89	20	26	30.8	Tr.	184	3	
16142	9.10	48.55	1	18	4	15.03	28	51	36.2	Mu.	183	12	
	9	47.29	1			15.34			....	Mer.	94	84	
	9	46.48	3			15.48			35.1	Mer.	32	22	
16143	10	48.55	2	18	4	15.47	21	17	34.0	Mer.	133	15	
16144	10	48.45	2	18	4	20. . .[1]	22	44	....	Mer.	127	29	[1] Separate threads give 19ˢ.38, 20ˢ.56.
	9	48.55	2			20.38			58.4	Mu.	181	56	
16145	9	49.50	3	18	4	21.73	29	34	8.0	Mu.	262	4	
	8	47.32	2			21.75			6.1[2]	Mer.	97	155	[2] Decl. changed 10 rev. south.
16146	8	48.43	1	18	4	24.11	24	18	44.0	Mu.	170	58	
16147	9	46.40	4	18	4	27.35	36	55	....	Tr.	22	46	
16148	9	46.46	1	18	4	35.08	32	34	25.6	Mu.	25	60	
16149	10	46.53	1	18	4	35.81	39	14	0.1	Tr.	43	43	
16150	8	51.57	5	18	4	44.18	19	19	27.7	Tr.	267	30	
16151	8	47.54	2	18	4	45. . .[3]	27	32	7.8	Mer.	195	48	[3] Separate threads give 46ˢ.69, 45ˢ.49.
	7	46.62	2			45.55			9.8	Mu.	45	10	
16152	6	49.47	2	18	4	47. . .[4]	21	5	34.2	Mu.	258	66	[4] Separate threads give 46ˢ.70, 47ˢ.54.
	7	48.55	1			47.40			32.3	Mer.	133	16	
	3	48.58	5			47.60			32.9	Mu.	186	11	
	6	49.53	3			47.71			33.4	Mu.	266	49	
16153	8	46.46	1	18	4	50.30	33	10	34.5[5]	Tr.	26	59	[5] Decl. changed one rev. north.
16154	8	46.52	2	18	4	50.39[6]	35	6	58.3	Mu.	33	37	[6] One of three threads rejected; R. A.=51ˢ.46.
16155	7	46.61	2	18	4	52.30	25	20	42.7[7]	Mu.	42	17	[7] Decl. changed five rev. north.
	9	48.43	3			52.36[8]			....	Tr.	164	59	[8] Minute assumed.
	7	48.63	3			52.44			43.9	Mer.	139	22	
	9	48.55	2			52.47			43.7	Tr.	175	21	
16156	9	48.55	1	18	4	52.94	21	51	12.1	Mu.	182	14	
16157	7	46.54	6	18	4	56.69	44	14	....	Mer.	44	2	
16158	10	49.47	1	18	5	1.22	19	1	27.8	Mu.	259	61	
16159	9	46.46	2	18	5	1.24	32	14	....	Tr.	30	72	
16160	8.7	46.34	5	18	5	1.45	43	12	25.9	Mer.	14	36	
16161	9	48.55	2	18	5	1.52	28	52	27.0	Mu.	183	13	
	8	46.48	3			1.62			25.4	Mu.	27	59	
	8	47.55	3			1.77			26.6	Mu.	124	20	
	9	46.48	6			1.78			27.1	Mer.	32	23	
	8	46.63	4			1.83			27.5	Mu.	47	3	
	9	47.29	1			2.19			....[9]	Mer.	94	85	[9] Decl. changed one rev. south.
16162	8	46.52	2	18	5	1.68	29	34	26.1	Tr.	40	4[10]	[10] "Double; took brighter."
	9	47.48	3			1.72			14.7	Tr.	125	17	
16163	9	48.63	3	18	5	4.04	18	47	....	Tr.	185	6	
16164	9	46.53	1	18	5	6.77	33	37	58.1	Mu.	36	6	
	9	46.46	2			8.67[11]			57.2	Mu.	22	111	[11] GZ gives 6ˢ.5.
16165	10	46.53	1	18	5	7.11	35	51	15.6	Tr.	44	36	
16166	10	47.48	2	18	5	8.23[12]	26	14	3.8	Mer.	193	7	[12] One of three threads rejected; R. A.=9ˢ.05.
	9	46.52	3			8.24			3.5	Mu.	31	67	
	8	47.34	1			8.59			2.1	Mu	114	64	
	9	47.51	3			8.62			2.6	Mer.	194	32	
16167	10	48.52	1	18	5	8.43	20	41	....	Tr.	171	23	
16168	10	52.52	5	18	5	8.57	17	25	25.5	Tr.	282	14	
16169	9	47.40	2	18	5	8.89	28	0	62.3	Mer.	189	96	
	8	46.60	2			8.96			....	Tr.	51	31	
	8.9	46.46	6			9.04			61.5	Mer.	27	94	
	8	47.44	3			9.05			57.4	Mu.	117	131	
16170	8	48.55	2	18	5	10.65[13]	23	42	17.8	Mer.	132	32	[13] One of three threads rejected; R. A.=9ˢ.66.
16171	9	46.58	3	18	5	10.80	31	25	13.0	Mu.	39	3	
	8	48.55	2			10.94			12.6	Mer.	134	6	
	9	46.61	1			12.64			12.2	Mu.	44	17	
16172	6	48.55	1	18	5	14.95	21	44	51.8	Mu.	182	15	
	6.7	49.47	2			15.26			51.4	Tr.	245	54	
16173	8	51.57	5	18	5	16.10	19	14	0.5	Tr.	267	31	
16174	11	48.63	1	18	5	23.47	24	45	7.6	Mu.	191	14	
16175	8	46.52	3	18	5	25.40	35	4	31.2	Mu.	33	38	
16176	9	48.55	2	18	5	27.84	28	42	28.6	Mu.	183	14	
16177	7.8	46.38	2	18	5	28.15	34	37	53.6	Tr.	20	15	
16178	7	46.54	3	18	5	29.12	29	51	34.5	Mu.	37	57	
	8	47.44	7			29.13			36.3[14]	Mer.	190	125	[14] Decl. changed ten rev. north.
	6	47.32	1			29.58			40.9	Mer.	97	156	
16179	9	46.58	7	18	5	30.08	41	39	42.2	Mer.	47	4	
16180	6	46.40	4	18	5	41.32	36	36	46.0	Mu.	16	74	
	7	46.61	1			41.44			46.9	Tr.	56	1	
16181	10.11	48.52	2	18	5	42.13	23	5	6.4	Mer.	130	13	
16182	9	48.55	1	18	5	42.98	28	39	1.7	Mu.	183	15	
	8	46.48	3			43.24			3.5	Mu.	27	60	
	7.8	46.63	3			43.30			2.0	Mu.	47	4	
	9	46.48	3			43.36			4.8	Mer.	32	24	
16183	10	48.62	1	18	5	43.57	19	5	35.2	Mu.	190	4	
	8	49.65	2			44.07			37.9	Mer.	186	7	
	9	49.47	1			44.24			38.3	Mu.	259	62	
16184	7.8	46.53	1	18	5	45.48	35	40	32.4	Tr.	44	37	
16185	7	46.46	1	18	5	48.62	33	7	45.7[15]	Tr.	26	60	[15] Decl. changed one wire interval north.
16186	7	46.46	2	18	5	49.15[16]	32	22	48.5	Mu.	25	61	[16] One of three threads rejected; R. A.=49ˢ.88.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
16187	9	51.60	5	18	5	49.75	16	32	4.8	Tr.	268	11	
16188	9	47.51	1	18	5	50.07	26	20	59.8	Mer.	194	33	
	9	47.48	2			50.18 [1]			60.3	Mer.	102	2	[1] R. A. decreased 1 min.
	9	47.48	2			50.30			61.6 [2]	Mer.	193	8	[2] Decl. changed one wire interval north.
	7	47.34	1			50.53			61.2	Mu.	114	65	
	8	46.52	3			50.63			61.7	Mu.	31	68	
	9	48.45	2			50.74			56.6	Tr.	165	47	
	9	48.55	3			50.79			.... [3]	Tr.	178	8	[3] Decl. changed one wire interval north.
16189	8.9	46.61	6	18	5	51.13	40	30	46.2	Mer.	49	6	
	8	46.52	7			51.20			47.4	Mer.	38	33	
16190	10	48.55	1	18	5	51.68 [4]	25	5	31.3	Tr.	174	47	[4] R. A. decreased one thread interval.
16191	8	48.63	4	18	5	53.74	25	49	36.4	Mer.	139	23	
	8	48.43	3			53.78			.... [5]	Tr.	164	60	[5] Decl. changed one wire interval north.
	7	46.61	3			53.82			39.7	Tr.	53	25	
	8	47.54	3			53.91			38.6	Mu.	123	24	
16192	..	52.52	5	18	5	54.26	17	23	58.9	Tr.	282	15	
16193	8	48.55	2	18	5	55.46	23	56	31.6	Mer.	132	33	
16194	9	48.63	1	18	5	55.77	18	49	....	Tr.	185	7	
16195	10	48.45	1	18	5	56.08	24	2	11.5	Mu.	171	31	
	8	48.55	2			56.36			9.7	Mer.	132	34	
16196	8	51.57	5	18	6	2.15	19	16	1.9	Tr.	267	32	
16197	9	49.47	1	18	6	4.73	20	54	30.3	Mu.	258	67	
	9	49.53	2			4.81			33.1 [6]	Mu.	266	50	[6] Decl. changed five rev. north.
16198	8.9	46.53	3	18	6	7.16	33	47	50.1	Mu.	36	7	
	8.9	46.46	3			7.19			49.0	Mu.	22	112	
16199	9	46.61	2	18	6	10.21 [7]	40	36	46.8	Mer.	49	7	[7] R. A. increased 1 min.
16200	7	49.47	1	18	6	10.34 [8]	18	58	58.5	Mu.	259	63	[8] R. A. decreased one thread interval.
16201	8	46.52	1	18	6	10.59	35	16	54.0	Mu.	33	39	
16202	9	47.40	2	18	6	10.86	28	7	13.2	Mer.	189	97	
	8	46.60	3			10.91			....	Tr.	51	32	
	7.8	47.44	2			11.10			10.9	Mu.	117	132	
	9	46.52	4			11.12			9.6	Mer.	37	1	
	9	46.46	4			11.29			9.7	Mer.	27	95	
16203	7	49.47	2	18	6	15.90	20	46	1.2	Mu.	258	68	
	5	48.52	2			15.96			....	Tr.	171	24	
16204	9	49.50	3	18	6	16.69	29	35	51.8	Mu.	262	5	
16205	8	49.47	..	18	6	17...	20	25	34.2	Mu.	258	69	
	8	49.47	2			17.39			37.3	Mu.	261	55	
	7	48.62	2			17.60			36.7	Tr.	184	4	
16206	9	47.48	2	18	6	18.83	26	21	60.5 [9]	Mer.	193	9	[9] Decl. changed one wire interval north.
	8	46.52	2			19.14			62.4	Mu.	31	69	
	8	48.45	2			19.15			49.7	Tr.	165	48	
	9	47.51	2			19.20			58.6 [10]	Mer.	194	34	[10] Decl. changed five rev. south.
	10	48.55	3			19.28			....	Tr.	178	9	
	9	47.34	1			19.34			57.4	Mu.	114	66	
16207	9	47.51	1	18	6	22.09	26	27	2.9	Mer.	194	35	
16208	11	48.52	1	18	6	23.63 [11]	23	9	24.8 [12]	Mu.	178	14	[11] R. A. increased one thread interval.
16209	..	47.32	1	18	6	23.91	29	11	38.4	Mer.	97	157	[12] Decl. changed one rev. north.
	9.10	49.50	2			24.39			41.8	Mu.	262	6	
16210	8	48.62	1	18	6	25.89	19	1	55.0	Mu.	190	5	
	6	49.65	3			26.73			57.4	Mer.	186	8	
	8	49.47	1			26.78			56.6	Mu.	259	64	
16211	7	51.60	5	18	6	27.71	16	6	53.0	Tr.	268	12	
16212	10	48.49	2	18	6	28.51	19	58	....	Tr.	169	69	
16213	8	47.40	2	18	6	28.58	31	11	57.9	Tr.	120	42	
	7	46.58	1			28.76 [13]			59.6	Mu.	39	5	[13] R. A. increased 20 sec.
	6	48.55	2			28.80			61.1	Mer.	134	7	
16214	8	47.40	2	18	6	35.49	31	21	46.3	Tr.	120	43	
	7.8	46.61	1			35.65			43.4	Mu.	44	18	
	6.7	46.58	4			35.78 [14]			42.4	Mu.	39	4	[14] One thread increased 20 sec.
	6	48.55	2			35.86			46.2	Mer.	134	8	
16215	8	48.62	1	18	6	37.53	18	57	52.2	Mu.	190	6	
16216	8	48.45	1	18	6	38.87	23	50	58.8	Mu.	171	32	
16217	9	46.46	3	18	6	39.68	28	8	17.8	Mer.	27	96	
	9	46.52	3			39.86			18.0	Mer.	37	2	
16218	8	48.63	2	18	6	40.03 [15]	25	45	8.1	Mer.	139	24	[15] One of three threads rejected; R. A.=40ˢ.80.
	8	47.54	1			40.14			5.8	Mu.	123	25	
	8	46.61	2			40.15			6.7 [16]	Tr.	53	26	[16] Decl. changed one rev. south.
16219	..	47.32	1	18	6	40.73	29	9	4.6	Mer.	97	158	
16220	8	51.57	5	18	6	45.76	19	31	10.1	Tr.	267	33	
16221	9.10	49.47	1	18	6	47.17	20	13	17.5	Mu.	261	56	
16222	9	46.48	3	18	6	48.51	28	58	23.9	Mer.	32	25	
	8	47.29	3			48.65			.... [17]	Mer.	94	86	[17] Decl. changed one wire interval north and ten rev. south.
16223	10	48.49	1	18	6	49.97	19	52	....	Tr.	169	70	
16224	8.7	47.46	1	18	6	52.19	30	26	49.2	Mu.	120	119	
	8	46.42	2			52.31			50.4	Tr.	25	70	
16225	7	46.62	3	18	6	58.08	27	27	19.8	Mu.	45	11	
	8	47.54	4			58.15			20.2	Mer.	195	49	
16226	6.7	46.54	1	18	6	59.03	38	13	19.2	Tr.	47	17	
	5	46.46	2			59.07			17.5	Tr.	29	78	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
16227	9	47.44	1	18	7	0.35	28	20	51.6	Mu.	117	133	
16228	10	46.52	1	18	7	0.56	27	15	46.8	Tr.	36	95	
16229	..	48.63	1	18	7	1.87[1]	25	35	29.7	Mer.	139	25	[1] R. A. decreased one thread interval.
	8	46.61	2			2.15			28.9	Tr.	53	27	
16230	9	47.44	1	18	7	4.62	29	47	65.9[2]	Mer.	190	126	[2] Decl. changed one wire interval south.
	8	47.48	2			4.92			59.6	Tr.	125	18	
16231	9	46.52	2	18	7	9.94	29	35	11.5	Tr.	40	5	
16232	9	46.54	2	18	7	13.25	29	54	11.1	Mu.	37	58	
16233	9	49.47	2	18	7	18.46[3]	22	4	31.3	Tr.	245	55	[3] R. A. increased one thread interval.
16234	6	48.45	1	18	7	24.12	23	56	37.4	Mu.	171	33	
	6	48.55	2			24.29			38.0	Mer.	132	35	
	9	48.49	2			24.36			....[4]	Mer.	129	53	[4] Decl. changed eleven rev. south.
16235	10	46.61	2	18	7	27.67	25	9	47.0	Mu.	42	18	
	10	48.63	1			28.18			49.1	Mu.	191	16	
16236	3	46.40	5	18	7	28.51	36	48	....[5]	Tr.	22	47	[5] Decl. changed one wire interval south.
	4.5	46.61	2			28.65			1.1	Tr.	56	2	
16237	9	48.54	2	18	7	30. ..[6]	23	15	36.8	Mu.	180	1	[6] Separate threads give $31^{s}.98$, $30^{s}.21$.
	10	48.52	1			30.32			39.1[7]	Mer.	130	14	[7] Decl. changed one rev. south.
16238	7	47.54	1	18	7	31.07	27	45	18.3	Mer.	195	50	
	7.8	46.46	3			31.17			19.0[8]	Mer.	27	97	[8] Decl. changed one rev. north.
	8	46.52	4			31.28			22.1	Mer.	37	3	
	7	46.62	1			31.42[9]			20.3	Mu.	45	12	[9] R. A. increased 1 min.
16239	8	47.40	1	18	7	33.26	31	20	34.0	Tr.	120	44	
	6	48.55	2			33.34			43.7[10]	Mer.	134	9	[10] If micrometer reading be assumed as 35.472 instead of 35.172 rev., as recorded, Decl.$= 33''.4$.
	7.8	46.61	2			33.38			31.3	Mu.	44	19	
	7	46.58	2			33.41			33.2	Mu.	39	6	
16240	10	48.49	1	18	7	33.30	24	3	....[11]	Mer.	129	54	[11] Decl. changed one rev. south.
	9	48.43	1			33.43			11.9	Mu.	170	59	
16241	10	46.46	1	18	7	33.97	33	17	52.3	Tr.	26	61	
16242	9	46.61	2	18	7	35.47	25	2	57.8	Mu.	42	19	
	11	48.55	1			35.65			60.4	Tr.	174	48	
	10	48.63	1			36.84			57.8	Mu.	191	15	
16243	9	49.47	1	18	7	35.52	19	0	61.6	Mu.	259	65	
	8	49.65	1			35.72			59.5	Mer.	186	9	
16244	8	48.62	2	18	7	39.11	20	35	15.6	Tr.	184	5	
	7	48.52	2			39.28			....	Tr.	171	25	
	8	49.47	2			39.63			16.7	Mu.	258	70	
16245	7	46.53	4	18	7	39.38[12]	34	9	11.0	Mu.	36	8	[12] One of five threads rejected; R. A.$=40^{s}.11$.
	8	46.46	2			39.86			10.5	Mu.	22	113	
16246	9	46.53	2	18	7	44.08[13]	34	8	5.3	Mu.	36	9	[13] One of three threads decreased 10 sec., another decreased one thread interval and then rejected; R. A.$=42^{s}.60$.
16247	8	48.55	1	18	7	44.33	31	30	57.4	Mer.	134	10	
16248	9	46.38	1	18	7	44.73	34	26	39.3	Tr.	20	16	
16249	8	48.63	2	18	7	48.47	18	51	....	Tr.	185	8	
16250	6	47.44	2	18	7	53.16	28	19	41.6	Mu.	117	134	
	5	46.60	2			53.37			....	Tr.	51	33	
	8	47.40	2			53.39			42.4	Mer.	189	98	
16251	4	46.48	4	18	7	53.45	28	41	51.8	Mu.	27	61	
	8	48.55	5			53.46			50.7[14]	Mu.	183	16	[14] Decl. changed ten rev. north.
	7	46.63	5			53.55			50.9	Mu.	47	5	
	6.7	47.29	2			53.55			....	Mer.	94	87	
	7	46.48	4			53.57			51.3	Mer.	32	26	
16252	8	46.54	1	18	7	56.69	38	16	35.9	Tr.	47	18	
	7	46.46	2			57.00[15]			37.3	Tr.	29	79	[15] One thread decreased 5 sec.
16253	8	46.53	6	18	7	56.75	42	20	9.6	Mer.	42	38	
16254	8.9	46.46	1	18	7	57.81	33	26	31.9	Mu.	22	114	
	7	46.46	1			57.97			34.5	Tr.	26	62	
16255	9	46.46	1	18	8	4.37	32	15	57.7	Mu.	25	62	
	9	46.46	2			4.38			....	Tr.	30	73	
16256	10	47.40	1	18	8	4.48	30	36	55.1	Tr.	120	45	
16257	8	51.57	5	18	8	6.24	19	21	7.2[16]	Tr.	267	34	[16] One transit thread rejected; Decl.$=20' 58''.5$.
16258	9	48.55	3	18	8	6.96	22	12	56.8	Mu.	181	57	
	9	48.55	1			7.03			58.9	Mu.	182	16	
	9	48.45	2			7.14[17]			....[18]	Mer.	127	30	[17] One of three threads rejected; R. A.$=5^{s}.87$.
16259	9	46.46	4	18	8	8.43	27	54	39.5	Mer.	27	98	[18] Decl. changed one rev. south.
	9	46.52	4			8.44			40.5	Mer.	37	4	
	8	46.62	1			8.99[19]			42.0	Mu.	45	13	[19] R. A. decreased one thread interval.
16260	8.9	48.62	3	18	8	8.42	19	0	49.8	Mu.	190	7	
	6	49.65	2			8.90			51.8	Mer.	186	10	
	7	49.47	1			8.98			51.7	Mu.	259	66	
16261	6	51.60	5	18	8	9.10	16	33	47.6	Tr.	268	13	
16262	8	47.44	1	18	8	9.17	28	8	22.1[20]	Mu.	117	135	[20] To agree with GZ the recorded micrometer reading 32.715 rev. must be decreased 0.4 rev. GZ gives $45''$.
	9	47.40	1			9.54			47.5	Mer.	189	99	
16263	8.9	48.62	1	18	8	9.34	19	7	19.0	Mu.	190	8	
16264	7	51.60	5	18	8	12.49	16	26	27.6	Tr.	268	14	
16265	7	48.63	1	18	8	19.79	25	23	23.2	Mer.	139	26	
	7.8	47.54	2			19.88			20.2	Mu.	123	26	
	9	48.43	2			20.23			....	Tr.	164	61	
16266	8.9	46.52	4	18	8	21.37	40	29	27.6	Mer.	38	34	
	9	46.61	5			21.52			27.2	Mer.	49	8	
16267	8.9	46.61	2	18	8	23.09	29	18	20.8	Mer.	51	1	
	9	49.50	2			23.16			18.6	Mu.	262	7	[21] One thread assumed as $6^{s}.5$ though the record appears to be 65^{s}.
	8	47.32	2			23.30[21]			12.0	Mer.	97	159	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
16268	8	46.64	4	18	8	26.16[1]	37	16	19.3	Mu.	48	4	[1] R. A. decreased 2 min.
	9	46.46	5			26.62[2]			22.4	Mu.	24	67	[2] R. A. increased 20 sec. If increased one thread interval, which seems much less probable than the change made, R. A.= $25^{s}.92$.
16269	8	46.62	1	18	8	27.00	27	24	8.7	Mu.	45	14	
	8	47.54	2			27.29			6.9	Mer.	195	51	
16270	7	48.55	1	18	8	27.55	23	38	14.7	Mer.	132	36	
16271	7	52.52	5	18	8	27.94	17	25	12.8	Tr.	282	16	
16272	8	46.38	2	18	8	30.89	34	44	6.2	Tr.	20	17	
	7.8	46.52	4			30.89			3.9	Mu.	33	40	
16273	9	47.44	2	18	8	32.65	29	45	42.0	Mer.	190	127	
	9	46.54	1			32.76			41.8	Mu.	37	59	
	9	49.50	2			32.85			38.5	Mu.	262	8	
	8	46.52	2			32.96			42.9	Tr.	40	6	
16274	10	47.48	2	18	8	33. . .[3]	26	40	46.3	Mer.	102	3	[3] Separate threads give $33^{s}.04$, $33^{s}.94$.
16275	8	49.65	1	18	8	34.50	19	31	58.2	Mer.	186	11	
16276	8.9	46.38	1	18	8	36.86	34	29	23.2	Tr.	20	18	
16277	10	49.47	1	18	8	37.51	20	41	32.7	Mu.	258	71	
16278	10	49.47	1	18	8	38.69	20	38	29.0	Mu.	258	72	
	9	48.62	2			39.32			23.5	Tr.	184	6	
16279	5	48.55	2	18	8	39.52	27	5	. . . .	Tr.	178	10	
	6	46.46	3			39.69			25.4	Mer.	28	40	
	3	48.49	4			39.77			27.8	Mu.	176	49	
	4.5	46.52	2			39.87			26.4[4]	Tr.	36	96	[4] Decl. changed one wire interval north.
16280	10	48.52	1	18	8	40.16	23	19	27.7	Mer.	130	15	
	8	48.53	4			40.55			30.6	Mu.	179	4	
	8	48.54	2			40.64			27.4	Mu.	180	2	
	10	48.52	2			40.65			28.9	Mu.	178	15	
	10	48.54	2			40.67			. . . .	Mer.	131	19	
16281	8	47.46	1	18	8	42.55	30	45	44.2	Mu.	120	120	
	11	46.42	1			42.72			34.9	Tr.	25	71	
	10	47.40	1			42.73			38.8	Tr.	120	46	
16282	10	48.55	1	18	8	46.10	25	7	44.5	Tr.	174	49	
	9	48.55	1			46.18			47.4	Tr.	175	22	
16283	9	46.52	3	18	8	47.05	27	57	8.7	Mer.	37	5	
16284	9	48.49	2	18	8	47.19	19	43	. . . .	Tr.	169	71	
	8	49.65	1			47.21			12.8	Mer.	186	12	
	9	49.47	3			47.31			11.7	Mu.	261	57	
	6	51.57	5			47.34			12.6	Tr.	267	35	
16285	8.9	48.55	3	18	8	51.42	22	20	24.0	Mu.	181	58	
16286	9	48.45	2	18	8	53.60	22	23	. . . .[5]	Mer.	127	31	[5] Decl. changed one rev. south.
	8.9	48.55	3			54.00			28.3	Mu.	181	59	
16287	9	46.52	1	18	9	1.96	27	11	15.5	Tr.	36	97	
16288	8	46.58	2	18	9	7.38	31	16	46.0	Mu.	39	7	
	7	48.55	2			7.64[6]			42.7	Mer.	134	11	[6] R. A. increased 1 min.
16289	9	48.63	1	18	9	9.72	18	45	. . . .	Tr.	185	9	
16290	10	48.49	1	18	9	9.72	23	31	. . . .	Mer.	129	55	
	8	48.55	1			10.26			18.3	Mer.	132	37	
16291	8	46.38	1	18	9	18.51	34	47	36.0	Tr.	20	19	
	8.9	46.52	3			18.56[7]			35.8	Mu.	33	41	[7] One of four threads rejected; R. A.= $19^{s}.46$.
16292	8	48.45	1	18	9	23.06[8]	25	59	11.7[9]	Tr.	165	49	[8] R. A. decreased 1 min.
	8	46.52	2			23.33			8.9[10]	Mu.	31	70	[9] Decl. changed one rev. north.
	8	47.48	1			23.43			6.1	Mer.	193	10	[10] Decl. changed five rev. south.
	8	47.51	4			23.70[11]			13.4	Mer.	194	36	[11] One of five threads rejected; R. A.= $22^{s}.46$.
16293	8	48.43	2	18	9	24.66	25	39	. . . .	Tr.	164	62	
	5	48.63	3			24.73			17.2[12]	Mer.	139	27	[12] Decl. changed one wire interval south.
	5	46.61	3			24.84			14.1	Tr.	53	28	
	6.7	47.54	3			24.97			16.8	Mu.	123	27	
16294	10.9	46.54	7	18	9	33.70	44	7	. . . .	Mer.	44	3	
16295	9	46.60	2	18	9	34.71	28	16	. . . .	Tr.	51	34	
	9	47.44	1			34.96			0.5	Mu.	117	136	
16296	9.10	46.61	2	18	9	37.63	29	43	63.0	Mer.	51	2	
	8	47.44	1			37.63			61.3	Mer.	190	128	
	8	47.32	2			37.97			55.1	Mer.	97	160	
	9	49.50	2			38.14			59.8	Mu.	262	9	
16297	8	52.52	5	18	9	39.77	17	35	6.8	Tr.	282	17	
16298	10	46.46	1	18	9	42.31	32	6	. . . .	Tr.	30	74	
16299	10	48.54	2	18	9	44.93	23	7	. . . .	Mer.	131	20	
16300	8	46.46	2	18	9	45.48	33	4	31.3	Tr.	26	63	
16301	10	48.63	1	18	9	47.28	25	22	38.9	Mu.	191	17	
	9	48.55	1			47.51			36.0	Tr.	175	23	
16302	9	48.62	2	18	9	49. . .[13]	20	48	12.9[14]	Tr.	184	7	[13] Separate threads give $49^{s}.10$, $48^{s}.15$. AW gives $49^{s}.3$.
16303	8	49.47	1	18	9	51.38[15]	21	30	46.2[16]	Tr.	245	56	
16304	8.9	47.54	1	18	9	51.57	25	34	28.6	Mu.	123	28	[14] Decl. changed one wire interval and one rev. north.
	8	48.63	1			51.80			27.2	Mer.	139	28	
	10	48.43	1			51.81			. . . .	Tr.	164	63	[15] Record doubtful. CiZ gives $53^{s}.5$.
	7	46.61	1			52.35			25.3	Tr.	53	29	[16] Decl. changed one wire interval north.
16305	8	47.29	2	18	9	51.63[17]	29	3	. . . .	Mer.	94	88	[17] One of three threads rejected; R. A.= $52^{s}.79$.
	9	46.48	4			52.04[18]			5.2	Mer.	32	27	[18] One of five threads rejected; R. A.= $50^{s}.85$.
	9	48.55	3			52.17			10.8	Mu.	183	17	
16306	9	46.53	1	18	9	53.13	36	3	47.2	Tr.	44	39	
16307	8	46.52	5	18	9	56.70[19]	40	19	36.5	Mer.	38	35	[19] R. A. decreased one thread interval.
	8	46.53	3			56.96			34.2	Mu.	34	41	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
16308	9	46.53	1	18	9	56.90	35	56	39.3	Tr.	44	38	
16309	10	48.55	2	18	9	59.57	21	21	17.1[1]	Mer.	133	17	[1] Decl. changed two rev. north.
16310	9	47.40	2	18	10	4.98	28	10	14.6	Mer.	189	100	
16311	8	47.51	1	18	10	4.97	26	22	38.7	Mer.	194	37	
	9	47.48	1			4.98[2]			39.3	Mer.	193	11	[2] R. A. increased 10 sec.
	7	46.52	2			5.13			38.2	Mu.	31	71	
	7.8	47.34	3			5.15			37.8	Mu.	114	67	
	9	48.55	2			5.17			....	Tr	178	11	
16312	8	47.48	2	18	10	6.98	29	40	22.1	Tr.	125	19	
	9	46.54	1			7.00			19.8	Mu.	37	60	
	7	46.52	3			7.02			22.8[3]	Tr.	40	7	[3] Decl. changed one wire interval south.
	8	46.61	1			7.25			28.6	Mer.	51	3	
	9	49.50	1			7.29			23.9	Mu.	262	10	
	8	47.32	1			7.39			22.6	Mer.	97	161	
	8	47.44	1			7.53[4]			26.9	Mer.	190	129	[4] Minute assumed. R. A. increased one thread interval.
16313	8	46.38	1	18	10	8.94	34	49	45.9	Tr.	20	20	
	8.9	46.52	2			9.07			47.8	Mu.	33	42	
16314	9	48.63	1	18	10	10.98	18	33	....	Tr.	185	10	
16315	8	46.40	3	18	10	11.31	36	29	3.6	Mu.	16	75	
16316	9	46.52	4	18	10	17.51	27	33	32.4	Mer.	37	6	
	9	46.62	1			17.80			33.6	Mu.	45	15	
	8	47.54	4			17.90			30.2	Mer.	195	52	
	7	47.45	1			18.20			33.2	Mu.	119	1	
16317	9	46.46	1	18	10	18.95	32	23	48.2	Mu.	25	64	
16318	8	48.55	1	18	10	23.83	23	31	6.7	Mer.	132	38	
16319	9	46.40	4	18	10	29.17	36	49	....	Tr.	22	48	
16320	10	48.55	1	18	10	34.02	22	9	2.9	Mu.	182	17	
16321	7	46.64	4	18	10	40.72	37	32	43.2	Mu.	48	5	
16322	9	48.49	2	18	10	40.91	19	47	....[5]	Tr.	169	72	[5] Decl. changed eight rev. south.
	9	49.65	2			41.05			7.6	Mer.	186	13	
	9	49.47	1			41.10			8.6	Mu.	261	58	
16323	7	46.58	3	18	10	43.74	31	22	26.6	Mu.	39	8	
	9	47.40	1			43.76			28.0	Tr.	120	47	
	7	46.61	4			43.77			25.8	Mu.	44	20	
	6	48.55	3			43.95			26.8	Mer.	134	12	
16324	9	47.48	1	18	10	45.18	26	16	39.6	Mer.	193	12	
16325	10	47.48	2	18	10	45. . .[6]	26	13	46.0	Mer.	102	4	[6] R. A. increased *1* min. Separate threads give 45^{s}.94, 44^{s}.83.
	9	47.34	1			45.28			43.9	Mu.	114	68	
16326	8	48.53	4	18	10	47.51	23	22	14.4	Mu.	179	5	
	10	48.54	2			47.67			....	Mer.	131	21	
	10	48.49	2			47.68			....	Mer.	129	56	
	9	48.54	2			47.80			12.6	Mu.	180	3	
16327	9	46.46	2	18	10	48.01	32	24	0.1[7]	Mu.	25	63	[7] If micrometer reading be assumed as 39.30 instead of 39.70 rev., as recorded, Decl.= 25″.3. GZ gives 27″.
16328	10	48.55	1	18	10	49.95	21	47	20.5	Mu.	182	18	
16329	8	46.39	6	18	10	51.28	39	4	....	Tr.	21	28	
16330	8	46.61	2	18	10	52.64	29	7	23.1	Mer.	51	4	
	8.9	49.50	1			52.76			24.1	Mu.	262	11	
	7	46.48	2			52.78			22.8	Mu.	27	62	
	8	46.63	3			52.92[8]			25.6[9]	Mu.	47	6	[8] One of four threads rejected; R. A.=54^{s}.04.
	8.9	46.48	6			52.97			22.3	Mer.	32	28	[9] Decl. changed one rev. north.
	9	48.55	3			52.98			24.2	Mu.	183	18	
	8	47.32	1			53.24			22.0[10]	Mer.	97	162	[10] Decl. changed one rev. north.
	8	47.29	2			53.28			....	Mer.	94	89	
16331	9	47.66	5	18	10	55.54	24	59	63.7	Mer.	103	1	
	11	48.63	1			55.55			60.5	Mu.	191	18	
	10	48.55	3			55.70			52.2[11]	Tr.	174	50	[11] If micrometer reading be assumed as 8.55 instead of 8.35 rev., as recorded, Decl.= 62″.3.
	10	48.55	1			55.81			61.9	Tr.	175	24	
16332	8	47.54	2	18	10	55.96	27	27	49.8	Mer.	195	53	
	7	46.52	2			56.12			48.9	Mu.	45	16	
	8	46.40	1			56.16			51.6	Mer.	24	17	
	7	47.45	1			56.26			47.2	Mu.	119	2	
16333	7	46.53	4	18	11	2.94	33	23	27.6	Mu.	36	10	
	6.7	46.46	1			2.97			27.3	Tr.	26	64	
16334	11	52.52	5	18	11	9.43	17	40	4.7	Tr.	282	18	
16335	10	49.53	1	18	11	9.61	21	33	38.7	Mu.	266	51	
16336	10	48.55	2	18	11	12.76	21	20	38.5	Mer.	133	18	
16337	9	46.64	2	18	11	14.57	37	18	24.1	Mu.	48	6	
16338	10	49.53	1	18	11	16.53	21	32	57.8	Mu.	266	52	
16339	4	47.44	2	18	11	22.80[12]	29	53	8.3	Mer.	190	130	[12] R. A. increased 1 min. Separate threads give 22^{s}.44, 23^{s}.16.
	3	49.50	2			23. . .[13]			12.3	Mu.	262	12	
	2.3	46.54	3			23.64			15.6	Mu.	37	61	[13] Separate threads give 22^{s}.84, 23^{s}.67. Cp 50 gives 23^{s}.4.
16340	8	48.63	3	18	11	26.58	25	31	48.8	Mer.	139	29	
	9	48.43	2			26.60			....	Tr.	164	64	
	8	47.54	1			26.74			47.5	Mu.	123	29	
16341	9	46.48	2	18	11	27.71	28	45	60.5	Mer.	32	29	
	9	48.55	2			27.78			57.9	Mu.	183	19	
16342	8	46.60	2	18	11	27.78	28	10	....	Tr.	51	35	
	8.9	46.46	7			27.79			39.7	Mer.	27	99	
	8	47.44	2			27.83			39.2	Mu.	117	137	
	8.9	46.52	5			27.91			40.7	Mer.	37	7	
	9.10	47.40	2			27.92			44.0	Mer.	189	101	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
16343	10	47.40	1	18	11	27.96	30	41	61.5	Tr.	120	49	
	10	46.42	1			28.47			58.1	Tr.	25	72	
16344	10	48.49	1	18	11	28.19	23	23	....	Mer.	129	57	
	10	48.54	1			28.73			....	Mer.	131	22	
16345	9	46.61	2	18	11	31.66	25	48	5.8	Tr.	53	30	
16346	8	46.46	2	18	11	33.26[1]	32	14	....	Tr.	30	75	[1] One thread decreased 10 sec.
	6	46.46	2			33.26			28.1	Mu.	25	65	
16347	9	49.47	2	18	11	35...[2]	19	54	1.7	Mu.	261	59	[2] Separate threads give $36^{s}.01$, $35^{s}.20$. AW and CiZ give $35^{s}.6$.
16348	6.7	47.40	2	18	11	35.33	30	59	59.3	Tr.	120	48	
	5	48.55	3			35.59			63.6	Mer.	134	13	
	5	46.42	2			35.64			61.7	Tr.	25	73	
	6.7	47.46	2			35.67			62.8	Mu.	120	121	
	6.7	46.58	3			35.87			61.8	Mu.	39	9	
	7	46.61	3			35.94			61.4	Mu.	44	21	
16349	8.9	49.47	2	18	11	37.75	20	16	27.2	Mu.	261	60	
	11	48.52	3			38.21			....	Tr.	171	26	
	9	49.47	2			38.42			27.2	Mu.	258	73	
16350	8	46.46	1	18	11	40.79	33	35	26.1	Tr.	26	65	
	7.8	46.53	3			40.80			25.6	Mu.	36	11	
16351	8	48.55	2	18	11	41.87	24	0	8.1	Mer.	132	39	
16352	9.10	48.55	1	18	11	46...[3]	21	1	0.0	Mer.	133	19	[3] Time of transit assumed as $30^{s}\pm$ instead of 3^{s}, as printed in Washington Observations for 1871, Appendix I.
16353	9	46.52	3	18	11	49.23	35	6	30.2	Mu.	33	43	
16354	9	47.48	2	18	11	51.64	29	35	49.5	Tr.	125	20	
	9	49.50	1			51.86			46.7	Mu.	262	13	
	7	46.52	3			52.35			43.5	Tr.	40	8	
16355	8	47.51	3	18	11	53.05	26	8	40.5	Mer.	194	38	
	6	46.52	3			53.22			45.1	Mu.	31	72	
	7	47.34	2			53.44			45.7	Mu.	114	69	
	8	47.48	1			53.69			45.6[4]	Mer.	193	13	[4] Decl. changed one wire interval south.
16356	7	46.46	2	18	11	58.39	38	36	22.7	Tr.	29	80	
	7.8	46.54	2			58.40			26.5	Tr.	47	19	
16357	9	46.54	1	18	12	5.12	30	7	59.6	Mu.	37	62	
16358	10	48.49	1	18	12	7.96	19	42	....	Tr.	169	73	
	8.9	49.47	1			8.57			61.3	Mu.	261	61	
	9	49.47	1			8.72			59.8	Mu.	259	67	
	9	48.62	3			8.77			62.0[5]	Mu.	190	9	[5] Decl. changed one rev. north.
	8	49.65	3			9.00			63.0	Mer.	186	14	
16359	11	51.60	5	18	12	8.54	16	21	4.3	Tr.	268	15	
16360	8	48.62	2	18	12	12.87	20	20	53.5	Tr.	184	8	
	9.10	49.47	2			13.36			52.7	Mu.	258	74	
16361	9	48.55	1	18	12	13.45	31	38	0.2	Mer.	134	14	
16362	7.8	47.54	1	18	12	13.77	25	29	19.4[6]	Mu.	123	30	[6] Decl. changed four rev. south.
	9	48.43	2			13.93			....	Tr.	164	65	
	8	48.63	2			14.03			20.5	Mer.	139	30	
16363	5	46.61	3	18	12	17.19	24	58	35.5	Mu.	42	20	
	6.7	48.63	3			17.23			35.9	Mu.	191	19	
	5	48.55	3			17.23[7]			30.8	Tr.	174	51	[7] R. A. increased 1 min.
	7	48.55	2			17.30			35.1	Tr.	175	25	
	7	47.66	1			17.56			37.0	Mer.	103	2	
16364	9.10	49.53	2	18	12	18.16	21	25	59.7	Mu.	266	53	
16365	8	52.52	5	18	12	25.36	17	26	31.7	Tr.	282	19	
16366	9	48.55	1	18	12	25.91	24	2	57.0[8]	Mer.	132	40	[8] Decl. changed one rev. south.
16367	6	46.48	3	18	12	30.44	28	29	32.8[9]	Mu.	27	63	[9] Decl. changed one rev. north.
	5	46.60	3			30.66			....	Tr.	51	36	
	8	48.55	4			30.69			34.0	Mu.	183	20	
	7	47.29	3			30.69			....	Mer.	94	90	
	5.6	47.44	2			30.72			33.9	Mu.	117	138	
	6	46.63	4			30.74			32.1	Mu.	47	7	
	7	47.40	2			30.79[10]			34.8[11]	Mer.	189	102	[10] One of three threads rejected; R. A. = $30^{s}.02$.
16368	3	48.63	3	18	12	34.03	18	55	....[12]	Tr.	185	11	[11] Decl. changed one wire interval north.
16369	9	48.62	2	18	12	34.28	19	19	56.1	Mu.	190	10	[12] Decl. changed two rev. south.
	8	49.65	1			34.46			57.3	Mer.	186	15	
16370	9	51.60	5	18	12	34.88	16	26	14.5	Tr.	268	16	
16371	8	46.46	2	18	12	37.72	32	16	40.1	Mu.	25	66	
16372	9	46.53	2	18	12	39.41[13]	42	28	58.1	Mer.	42	39	[13] R. A. decreased one thread interval.
16373	8	51.60	5	18	12	39.58	16	26	9.8	Tr.	268	17	
16374	9	46.61	1	18	12	40.55	25	48	52.8	Tr.	53	31	
16375	9	46.34	3	18	12	40.93	42	58	41.0	Mer.	14	37	
16376	7	46.40	5	18	12	43.27	36	43	....	Tr.	22	49	
	4	46.40	2			43.39			58.6	Mu.	16	76	
16377	9	46.53	2	18	12	47.40	42	23	14.0	Mer.	42	40	
16378	9	48.63	2	18	12	50.64	25	25	52.3	Mer.	139	31	
	8	47.54	1			50.83[14]			50.3[15]	Mu.	123	31	[14] R. A. decreased 10 sec.
16379	9	46.52	2	18	12	51.41	29	39	56.8	Tr.	40	9	[15] Decl. changed five rev. south.
	10	49.50	2			51.52			50.0	Mu.	262	14	
16380	9	46.60	1	18	12	52.46	28	15	....	Tr.	51	37	
	9	46.46	6			52.60[16]			13.3	Mer.	27	100	[16] R. A. increased 1 min.
	8.9	46.52	4			52.75			14.8	Mer.	37	8	
16381	11	48.63	1	18	12	52.61	18	35	....	Tr.	185	12	
16382	9	48.55	1	18	12	54.78	22	5	4.0	Mu.	182	19	
	8	49.47	1			55.28			3.8	Tr.	245	57	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
16383	9	48.55	1	18	12	54.91	30	56	53.9	Mer.	134	15	
16384	9	52.52	5	18	12	56.82	17	20	35.2	Tr.	282	20	
16385	9	48.54	3	18	12	56.70	22	59	....	Mer.	131	23	
	7	48.54	2			57.14			5.5	Mu.	180	4	
	8	48.53	3			57.43			5.2[1]	Mu.	179	6	[1] Decl. changed one rev. south.
16386	10	46.61	2	18	12	59.77	24	58	6.5	Mu.	42	21	
	10	48.55	2			59.78			6.1	Tr.	174	52	
16387	7	47.34	1	18	13	0.10	26	28	52.1	Mu.	114	70	
	8	47.51	2			0.27			51.4	Mer.	194	39	
	9	47.48	2			0.43			50.0	Mer.	102	5	
	8	48.55	3			0.43			....	Tr.	178	12	
	9	48.45	2			0.56			48.7	Tr.	165	50	
	7	46.52	3			0.69			52.2	Mu.	31	73	
16388	10	46.38	1	18	13	0.37	34	43	45.0[2]	Tr.	20	21	[2] Decl. changed two rev. south.
16389	10	48.55	2	18	13	1.03	21	8	46.8	Mer.	133	20	
16390	8.9	48.55	3	18	13	1.45	22	21	37.9	Mu.	181	60	
	8.9	48.45	2			1.46			....	Mer.	127	32	
16391	9	47.34	4	18	13	3. . .[3]	26	58	29.4	Mer.	100	59	[3] Separate threads give 3^{s}.72, 4^{s}.27, 2^{s}.83, 2^{s}.32.
	9	46.46	3			3.22			27.5	Mer.	28	41	
	8	46.52	1			3.55			26.4	Tr.	36	98	
	6	48.49	2			3.63			30.8	Mu.	176	50	
16392	9	48.45	2	18	13	6.52	22	18	....	Mer.	127	33	
	10	48.55	1			6.85			11.7	Mu.	182	20	
	8.9	48.55	4			7.03			8.4	Mu.	181	61	
16393	9	46.53	2	18	13	7.11	42	29	10.9	Mer.	42	41	
16394	6	48.49	2	18	13	7.47[4]	26	58	30.4	Mu.	176	51	[4] R. A. increased 1 min.
	8	46.52	1			7.49			32.5	Tr.	36	99	
16395	6	51.60	5	18	13	9.19	16	23	18.6	Tr.	268	18	
16396	9	46.54	1	18	13	9.40	30	12	20.2	Mu.	37	63	
16397	8	46.39	5	18	13	14.61	38	55	....	Tr.	21	29	
16398	11	48.55	1	18	13	17.35	26	30	....	Tr.	178	13	
16399	4	46.40	3	18	13	21.26	36	18	18.7	Mu.	16	77	
16400	6.7	46.54	5	18	13	23.26[5]	44	10	....	Mer.	44	4	[5] R. A. decreased 1 min.
16401	8.9	46.58	7	18	13	25.56	41	40	11.0	Mer.	47	5	
16402	9.10	49.53	2	18	13	30. . .[6]	21	26	14.5	Mu.	266	54	[6] Separate threads give 30^{s}.78, 29^{s}.87. CiZ gives 30^{s}.6.
16403	9	48.55	2	18	13	35.27	23	30	29.5	Mer.	132	41	
16404	9	48.63	2	18	13	37.63	25	28	19.8	Mer.	139	32	
	10	48.43	2			37.94			....	Tr.	164	66	
16405	10	48.55	1	18	13	39.90	21	8	56.1[7]	Mer.	133	21	[7] Decl. changed one rev. south.
16406	8	46.46	1	18	13	43.13	33	4	53.7	Tr.	26	66	
16407	8	47.29	1	18	13	45.18	28	28	....	Mer.	94	91	
	9.10	48.55	2			45.23			39.0	Mu.	183	21	
	9	47.40	3			45.42			40.0[8]	Mer.	189	103	[8] Decl. changed one wire interval north.
	8.9	47.44	2			45.58			40.6	Mu.	117	139	
16408	9	46.61	5	18	13	45.37	40	48	0.6	Mer.	49	9	
16409	9	46.52	1	18	13	52.54	26	50	25.8	Tr.	36	100	
16410	8	46.38	1	18	13	56.84	34	43	38.7	Tr.	20	22	
16411	8	46.62	4	18	14	1.01	27	34	12.8	Mu.	45	17	
	8.9	46.52	3			1.14			14.7	Mer.	37	9	
	9	47.54	1			1.22			14.1	Mer.	195	54	
	7	47.45	4			1.32			12.0	Mu.	119	3	
16412	11	48.49	2	18	14	1.34	19	49	....	Tr.	169	74	
	10	49.47	1			1.71			53.4	Mu.	261	62	
16413	9	46.52	1	18	14	2.83	27	1	16.4	Tr.	36	101	
16414	8.9	46.52	5	18	14	4.54	35	4	....	Mu.	33	44	
16415	8	48.63	1	18	14	5.64	26	2	38.9	Mer.	139	33	
16416	9	52.52	5	18	14	6.46	17	30	51.1	Tr.	282	21	
16417	9	46.53	3	18	14	9.85	42	17	59.5	Mer.	42	42	
16418	10	48.45	1	18	14	10.65	24	5	15.8	Mu.	171	34	
	8	48.55	1			10.83			14.4	Mer.	132	42	
16419	3.2	46.38	1	18	14	12.86	34	26	57.1[9]	Tr.	20	23	[9] Decl. changed two rev. north.
16420	9	47.51	2	18	14	13.50[10]	26	14	18.0	Mer.	194	40	[10] R. A. decreased two threads intervals. One of three threads rejected; R. A. = 12^{s}.27.
	8	47.48	4			13.79			20.1	Mer.	193	14	
	9	47.34	1			13.95			19.2	Mu.	114	71	
	7	46.52	2			14.03			19.7	Mu.	31	74	
	8	48.45	1			14.08			7.1	Tr.	165	51	
16421	7	52.52	5	18	14	16.20	17	44	38.1[11]	Tr.	282	23	[11] One transit thread rejected; Decl. = 45′ 53″.1. No chronograph tape found.
16422	8	46.64	4	18	14	18.02	37	17	48.7	Mu.	48	7	
16423	9	49.47	2	18	14	23.22[12]	20	43	19.7	Mu.	258	75	[12] Minute assumed.
	8	48.62	2			23.42			20.8[13]	Tr.	184	9	[13] Decl. changed one rev. north.
16424	9	46.58	2	18	14	25.00	31	12	6.4	Mu.	39	11	
	9	48.55	1			25.46			6.4	Mer.	134	16	
16425	9	48.55	1	18	14	27.34[14]	31	16	19.1	Mer.	134	17	[14] R. A. increased 10 sec.
	9	47.40	1			27.37			18.6	Tr.	120	50	
	9	46.58	3			27.48			17.8	Mu.	39	10	
16426	10	48.54	2	18	14	29.69	23	6	....	Mer.	131	24	
	10	48.54	1			29.92			54.5	Mu.	180	5	
16427	10	48.49	1	18	14	34.19	23	24	....	Mer.	129	58	
16428	8	49.47	2	18	14	34.34	21	44	4.7	Tr.	245	58	
	9	48.55	1			34.51			1.4	Mu.	182	21	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
16429	8	46.46	1	18	14	36.95	33	21	3.9	Tr.	26	67	
16430	7	46.54	1	18	14	37.03	38	38	50.8	Tr.	47	20	
16431	9	52.52	5	18	14	37.09	17	21	20.5[1]	Tr.	282	24	[1] Three transit threads decreased 1 sec. each.
	..	52.52	5			37.10			....	Tr.	282	22	
16432	9	46.48	7	18	14	39.31	29	9	31.8	Mer.	32	30	
	9	48.55	2			39.37			34.2	Mu.	183	22	
	8	47.29	1			39.55			....	Mer.	94	92	
	9	49.50	2			39.78			33.3	Mu.	262	15	
	8	47.32	1			40.04			26.8	Mer.	97	163	
16433	7	46.42	1	18	14	44.63	30	45	46.9[2]	Tr.	25	74	[2] If micrometer reading be assumed as 5.19 instead of 5.49 rev., as recorded, Decl. = 31″.7. Gou gives 35″.
	8	47.40	1			44.76			34.6	Tr.	120	51	
	7.8	47.46	1			44.90			35.2	Mu.	120	122	
16434	10	47.44	4	18	14	44.73	30	12	32.1	Mer.	190	131	
16435	11	48.63	2	18	14	46.59	24	50	27.3	Mu.	191	20	
	10	48.54	1			46.83			29.5[3]	Tr.	173	1	[3] Decl. changed one rev. north.
	10	48.55	2			47.12			32.9[4]	Tr.	174	53	[4] Decl. changed one rev. north.
16436	8	46.40	4	18	14	47.58	36	58	....	Tr.	22	50[5]	[5] Unidentified. Looked for with equatorial but not found. If R.A. be decreased 10 sec. and Decl. reduced for wire 4, 1.45 rev. instead of wire 6, 6.45 rev., as recorded, this may be CPD—36°8216.
16437	10	48.55	3	18	14	49.20	26	31	....	Tr.	178	14	
	8	47.48	2			49.21			12.9	Mer.	193	15	
	7	47.64	1			49.21			7.9	Mu.	127	1	
	8	47.34	1			49.26			8.8	Mer.	100	60	
	7	47.34	1			49.35			8.2	Mu.	114	72	
	7	46.52	2			49.52			9.0	Mu.	31	75	
	9	47.48	2			49.63[6]			9.0	Mer.	102	6	[6] R. A. increased 1 min.
	8	47.51	1			49.85			6.4	Mer.	194	41	
16438	5	46.46	3	18	14	49.60	32	21	45.5	Mu.	25	67	
	5	46.67	3			49.69			....	Tr.	62	1	
16439	9	47.32	1	18	14	49.83	29	36	28.9[7]	Mer.	97	164	[7] Decl. changed eleven rev. north.
	8	47.48	2			50.11			34.0	Tr.	125	21	
	8	46.61	3			50.22			41.6	Mer.	51	5	
16440	8	47.48	1	18	14	[49.96][8]	29	35	38.0	Tr.	125	22	[8] This may be an additional thread of Tr. 125, No. 21, wrongly recorded on this star. See No. 16439$_2$.
	8.9	49.50	1			52.02[9]			40.5	Mu.	262	16	
	8	46.52	2			52.27[10]			33.8	Tr.	40	10	
	9	47.32	1			52.45			40.4[11]	Mer.	97	165	[9] R. A. decreased 10 sec.
16441	8	46.54	2	18	14	54.28	29	51	0.9	Mu.	37	64	[10] R. A. decreased one thread interval
16442	10	48.55	4	18	14	54.37	22	6	46.1	Mu.	181	62	[11] Decl. changed ten rev. north.
16443	8.9	48.62	4	18	15	12.18	19	27	53.9	Mu.	190	11	
	9	49.47	2			12.20			56.2	Mu.	259	68	
	7	49.65	4			12.43			54.8	Mer.	186	16	
16444	10	48.55	1	18	15	15.42	21	12	23.4	Mer.	133	22	
16445	6	46.40	4	18	15	15.96	36	3	58.6	Mu.	16	78	
	6	46.53	1			15.99			59.6	Tr.	44	40	
16446	10	49.47	1	18	15	16.71	19	38	56.3	Mu.	259	69	
	8.9	48.62	2			17. . .[12]			54.2	Mu.	190	12	[12] Separate threads give 17^{s}.25, 18^{s}.22.
	8	49.65	1			17.02			62.4	Mer.	186	17	
	10	48.49	2			17.03			....[13]	Tr.	169	75	[13] Decl. changed one rev. north.
	8.9	49.47	1			17.13			53.9	Mu.	261	63	
16447	8	48.43	1	18	15	18.23	24	27	24.4	Mu.	170	60	
16448	9	46.46	1	18	15	18.68[14]	33	34	42.3	Tr.	26	68	[14] R. A. increased one thread interval.
16449	9	47.48	1	18	15	18.72	26	33	55.2	Mer.	193	16	
	9	46.46	3			18.74			50.9	Mer.	28	42	
	8	47.34	1			18.93			60.7	Mer.	100	61	
	9	47.64	1			19.00			54.2	Mu.	127	2	
	8	47.34	1			19.12			55.9	Mu.	114	73	
	8	46.52	2			19.35			58.0	Mu.	31	76	
16450	8	46.64	2	18	15	18.88	37	13	23.5	Mu.	48	8	
16451	5	47.40	2	18	15	22.95	30	49	36.7[15]	Tr.	120	52	[15] Decl. changed one wire interval south.
	4.5	46.42	2			23.01			36.1	Tr.	25	75	
	6.7	47.46	2			23.13			38.3	Mu.	120	123	
16452	10	47.40	1	18	15	35.21	31	0	10.4	Tr.	120	53	
16453	9	46.46	1	18	15	38.05	33	14	44.3	Tr.	26	69	
16454	8	46.53	5	18	15	41.05	42	36	51.4	Mer.	42	43	
16455	8	46.61	2	18	15	43.16	26	0	52.6	Tr.	53	32	
	10	48.43	2			43.30			....	Tr.	164	67	
	7	47.54	2			43.52			49.9	Mu.	123	32	
16456	8.9	49.47	1	18	15	44.85	19	48	21.4	Mu.	261	64	
16457	8	48.43	1	18	15	52.21	24	29	20.2	Mu.	170	61	
	8	46.62	2			53.42			....[16]	Tr.	57	1	[16] Decl. changed one rev. north.
16458	8	46.54	1	18	15	52.54	30	19	41.9	Mu.	37	65	
	9	47.44	1			52.77[17]			41.3[18]	Mer.	190	132	[17] R. A. increased 1 min.
16459	11	48.63	1	18	15	55.07	18	48	....	Tr.	185	13	[18] Decl. changed ten rev. south.
16460	6.7	46.53	4	18	15	59.00	34	1	17.2	Mu.	36	12	
16461	9	46.54	1	18	15	59.49	30	17	27.3	Mu.	37	66	
16462	8	48.55	2	18	16	0.76	31	34	36.3	Mer.	134	18	
	9	46.58	1			0.80			35.4	Mu.	39	12	
16463	7	48.62	2	18	16	0.81	20	51	27.2	Tr.	184	10	
	9.10	49.47	2			1.15			24.1	Mu.	258	76	
16464	10	48.54	2	18	16	2.71	23	3	....	Mer.	131	25	
16465	6	46.67	2	18	16	10.10	31	50	....	Tr.	62	2	
16466	9	48.63	2	18	16	11.97	18	36	....	Tr.	185	14	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES
		1800+		h	m	s	°	′	″				
16467	8	47.45	1	18	16	12.57	27	28	79.8[1]	Mu.	119	4	[1] If micrometer reading be assumed as 34.39 instead of 34.09 rev., as recorded, Decl. = 60″.9. AW gives 55″. GZ gives 59″.
	9	47.54	1			12.66			60.5	Mer.	195	55	
16468	10	48.55	1	18	16	19.18	21	48	49.8	Mu.	182	22	
	10	49.47	1			19.85			51.9	Tr.	245	59	
16469	7	47.45	1	18	16	20.04	27	31	2.2	Mu.	119	5	
16470	9	46.46	1	18	16	21.30[2]	33	15	46.1	Tr.	26	70	[2] R. A. decreased one thread interval.
16471	6	49.47	2	18	16	24.89	20	36	58.4	Mu.	258	77	
	5.6	48.62	2			25.07			63.8	Tr.	184	11	
16472	9	52.52	5	18	16	31.39	17	35	41.0	Tr.	282	25	
16473	8	47.54	1	18	16	34.64	27	24	27.8	Mer.	195	56	
	9	47.47	1			35.11			34.7[3]	Mer.	101	26	[3] Decl. changed one wire interval north.
	8	47.45	1			35.21			31.2	Mu.	119	6	
	8	46.52	1			35.40			36.6	Tr.	36	102	
16474	9	48.54	2	18	16	37.29[4]	23	9	28.9[5]	Mu.	180	6	[4] Separate threads give $37^{s}.67$, $36^{s}.92$.
	10	48.54	1			37.70			....	Mer.	131	26	[5] Decl. changed one rev. north.
16475	8	47.54	1	18	16	40.57	25	53	17.6	Mu.	123	33	
	9	48.63	1			40.62			14.8	Mer.	139	34	
16476	9	49.53	4	18	16	41.13	21	6	50.8	Mu.	266	55	
	9	48.55	3			41.13			48.8	Mer.	133	23	
16477	11	46.52	2	18	16	41.49	29	48	23.0[6]	Tr.	40	11	[6] Decl. changed one rev. south.
16478	8	51.60	5	18	16	42.36	16	35	6.4	Tr.	268	19	
16479	8	46.46	2	18	16	45.47	32	51	8.8	Mu.	25	68	
16480	9	46.52	1	18	16	45.98	35	21	61.3	Mu	33	45	
	9	46.53	1			46.40			58.3	Tr.	44	41	
16481	9	46.67	2	18	16	53.63	31	51	....	Tr.	62	3	
16482	9	46.53	1	18	16	54.91	35	24	42.4	Tr.	44	42	
16483	10	48.45	1	18	16	57.72	23	33	38.9	Mu.	171	35	
	9	48.55	4			57.74			37.0	Mer.	132	43	
	10	48.49	2			57.84			....[7]	Mer.	129	59	[7] Decl. changed ten rev. south.
16484	7	46.42	1	18	17	2.31	30	28	13.3	Tr.	25	76	
	7	47.46	2			2.74			14.5	Mu.	120	124	
16485	10	46.61	1	18	17	15.13	36	58	2.8	Tr.	56	3	
16486	7.8	46.66	4	18	17	17.02	36	5	47.5	Mu.	49	1	
	7	46.40	2			17.21			49.2	Mu.	16	79	
16487	6	48.55	3	18	17	20.82	31	27	8.7	Mer.	134	19	
	6.7	46.61	4			20.82			11.5	Mu.	44	22	
	6	46.58	4			21.08			11.8	Mu.	39	13	
16488	8.9	47.34	1	18	17	21.06	25	59	42.4	Mu.	114	74	
	8	46.61	2			21.25			46.6	Tr.	53	33	
	9	48.45	2			21.48			44.3	Tr.	165	52	
	9	47.51	1			21.51[8]			47.3	Mer.	194	42	[8] R. A. increased 10 sec.
	9	47.64	1			21.54			45.2	Mu.	127	3	
16489	10	48.63	2	18	17	23.77	18	37	....	Tr.	185	15	
16490	9	46.38	1	18	17	25.99	34	49	11.7	Tr.	20	24	
16491	10	48.45	2	18	17	30. . .[9]	22	16	....	Mer.	127	34	[9] Separate threads give $29^{s}.92$, $30^{s}.92$.
16492	8	47.48	2	18	17	30.89	29	35	17.7	Tr.	125	23	
	8.9	49.50	3			30.98			20.5	Mu.	262	17	
	8.9	46.61	3			30.99			18.2[10]	Mer.	51	6	[10] Decl. changed ten rev. south.
	8	47.32	3			31.02			16.3	Mer.	97	166	
	7	46.52	3			31.05			24.2[11]	Tr.	40	12	[11] Decl. changed one rev. south.
16493	6	48.45	1	18	17	33.80	23	30	57.7	Mu.	171	36	
	7	48.55	3			33.88			57.9	Mer.	132	44	
	10	48.49	3			33.90			....	Mer.	129	60	
	9	48.53	1			34.35			58.4	Mu.	179	7	
16494	9	46.67	1	18	17	38.10	31	57	....	Tr.	62	4	
16495	7	46.53	5	18	17	38.74	33	29	32.3	Mu.	36	13	
	6	46.46	1			38.89			36.1	Tr.	26	71	
16496	9	46.38	1	18	17	40.59	34	15	2.0	Tr.	20	25	
16497	8	46.54	1	18	17	46.68	38	26	22.8	Tr.	47	21	
16498	9.10	48.55	2	18	17	50.16	21	36	5.4	Mer.	133	24	
	10.11	49.53	1			50.82			8.3	Mu.	266	56	
16499	7	48.55	1	18	17	51.88	31	36	49.6	Mer.	134	20	
	8.9	46.58	1			52.09			49.0	Mu.	39	14	
	9	46.61	2			52.33			52.0	Mu.	44	23	
16500	10	47.66	2	18	18	0.54[12]	24	54	19.0[13]	Mer.	103	3	[12] R. A. decreased 1 min.
	10	48.55	2			0.77			24.3[14]	Tr.	174	54	[13] Decl. changed one wire interval north and four rev south. If changed five rev. south instead of four, Decl.=53″.4.
16501	8	46.40	2	18	18	1.43[15]	36	3	20.5	Mu.	16	80	
	8	46.53	1			1.76			21.0	Tr.	44	43	
	7.8	46.66	3			1.97			12.3	Mu.	49	2	[14] If Decl. be changed one rev. south, Decl = 54″.6.
16502	8	46.46	2	18	18	5.15	32	26	39.4	Mu.	25	69	
16503	10	46.39	4	18	18	12.10	38	57	....	Tr.	21	30	[15] R. A. decreased one thread interval.
16504	7	52.52	5	18	18	12.90	17	16	46.5	Tr.	282	26	
16505	8	47.44	3	18	18	12.70	29	54	4.8	Mer.	190	133	
	6	46.54	3			13.89			3.9	Mu.	37	67	
	7	47.48	2			14.02[16]			7.6	Tr.	125	24	[16] One thread increased 10 sec.
16506	10	48.63	1	18	18	13.78	18	34	....	Tr.	185	16	
16507	8	46.46	1	18	18	19.78	33	26	1.3[17]	Tr.	26	72	[17] Decl. changed one wire interval south.
16508	9	48.62	3	18	18	21.95	19	2	15.0	Mu.	190	13	
	10	49.47	2			21.98[18]			13.5	Mu.	259	70	[18] One of three threads rejected; R. A.=$22^{s}.74$.
	7	49.65	3			22.38			16.7[19]	Mer.	186	18	[19] Decl. changed one rev. south.
16509	8	52.52	4	18	18	22.24	17	24	26.5	Tr.	282	29	

NO.	MAG	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
16510	8	47.48	3	18	18	22. . .[1]	26	43	16.8[2]	Mer.	193	17	[1] Separate threads give $22^{s}.82$, $20^{s}.37$, $16^{s}.12$.
	6	47.64	1			22.29			2.8	Mu.	127	4	[2] If micrometer reading be assumed as 32.984 instead of 32.484 rev., as recorded, Decl. = 42′ 59″.6.
	4	46.52	2			22.37[3]			1.8	Mu.	31	77	
	8	48.55	3			22.46			....[4]	Tr.	178	15	
	5	48.49	1			22.47			1.1[5]	Mu.	176	53	[3] One of three threads rejected; R. A.=$21^{s}.45$.
	7	46.46	3			22.53[6]			6.9	Mer.	28	43	[4] Decl. changed one rev. north.
	6.5	46.52	1			22.67[7]			1.0	Tr.	36	103	[5] Decl. changed five rev. south.
	7.5	47.34	4			22.69			2.6	Mer.	187	62	[6] R. A. increased 1 min.
16511	7	46.46	3	18	18	23.20	32	33	16.3	Mu.	25	70	[7] R. A. increased one thread interval.
16512	..	52.52	5	18	18	27.99	17	21	....	Tr.	282	27	
	11	52.52	5			28.07			43.9	Tr.	282	28	
16513	8	46.54	1	18	18	28.71	38	6	51.1	Tr.	47	22	
16514	9	46.53	4	18	18	34.91[8]	42	2	35.8	Mer.	42	44	[8] One of five threads rejected; R. A.=$35^{s}.74$.
16515	10	46.61	1	18	18	35.94	37	4	59.2	Tr.	56	4	
16516	8	46.60	2	18	18	35.95	28	28	....	Tr.	51	38	
	9	48.55	3			35.95			1.9	Mu.	183	23	
	8	47.65	4			36.03			3.1	Mu.	128	1	
	8.9	46.63	3			36.30			0.9	Mu.	47	8	
	10	47.40	6			36.53[9]			3.8	Mer.	189	104	[9] One of seven threads rejected; R. A.=$35^{s}.78$. Gou gives $35^{s}.9$.
16517	10	49.47	1	18	18	41.15[10]	21	48	46.3	Tr.	245	60	
16518	3.4	47.54	4	18	18	42.53	25	29	54.7	Mu.	123	34	[10] R. A. increased one thread interval.
	3.4	48.43	3			42.63			....	Tr.	164	68	
	3	48.63	7			42.78			58.0	Mer.	139	35	
16519	10	46.61	2	18	18	42.87	25	45	56.2	Tr.	53	34	
16520	8	47.40	1	18	18	44.06	31	12	55.1	Tr.	120	54	
	6	48.55	2			44.20			57.7	Mer.	134	21	
16521	8	47.34	1	18	18	44.30	26	50	26.7	Mer.	187	63	
	7	48.55	2			44.34			....	Tr.	178	16	
	7	46.46	1			44.38			27.7	Mer.	28	44	
	5.6	46.52	1			44.55			28.5	Tr.	36	104	
	4	48.49	1			44.55			29.0	Mu.	176	54	
16522	9	47.34	2	18	18	48. . .[11]	26	15	57.9	Mu.	114	75	[11] Separate threads give $48^{s}.41$, $49^{s}.23$.
	10	47.48	4			48.93[12]			57.6	Mer.	102	7	[12] R. A. decreased 1 min.
	9	48.45	2			49.08			59.0	Tr.	165	53	
16523	8	46.62	2	18	18	52.37	24	38	....	Tr.	57	2	
	8	48.63	2			52.37			51.8	Mu.	191	21	
	9	46.61	2			52.66[13]			45.2	Mu.	42	22	[13] One of three threads rejected; R. A.=$51^{s}.82$.
16524	8	46.67	3	18	18	52.94	31	58	....	Tr.	62	5	
16525	8	46.64	4	18	18	53.50	37	23	12.7	Mu.	48	9	
16526	8	46.39	4	18	18	55.21	38	56	....	Tr.	21	31	
16527	10	46.61	1	18	18	55.84	37	5	53.3	Tr.	56	5	
16528	9	46.53	2	18	18	57.02[14]	33	34	31.5	Mu.	36	14	[14] R. A. increased one thread interval.
	8	46.46	1			57.14			30.7	Tr.	26	73	
16529	8	46.63	2	18	18	57. . .[15]	28	51	58.8	Mu.	47	9	[15] Separate threads give $58^{s}.21$, $57^{s}.40$.
	9	46.48	2			57.52			55.2	Mer.	32	31	
	9	48.55	1			57.57			55.6	Mu.	183	24	
16530	9	48.55	1	18	18	59.82	21	40	30.1	Mu.	182	23	
16531	7	48.54	3	18	19	1.13[16]	23	5	9.6	Mu.	180	7	[16] R. A. increased 1 min.
	7	48.53	3			1.14			9.8	Mu.	179	8	
	9	48.54	3			1.21			....[17]	Mer.	131	27	[17] Decl. changed nine rev. north.
16532	10	46.53	1	18	19	5.23	35	40	9.3	Tr.	44	44	
16533	11	49.47	1	18	19	7.06	19	9	22.5[18]	Mu.	259	71	[18] Decl. changed four rev. south.
16534	9	49.53	2	18	19	7. . .[19]	21	26	5.1	Mu.	266	57	[19] Separate threads give $7^{s}.78$, $8^{s}.76$.
	10	48.55	1			7.85			4.3	Mer.	133	25	
16535	8	51.60	5	18	19	7.91	16	30	44.5	Tr.	268	20	
16536	10	48.49	1	18	19	8.92	23	39	....[20]	Mer.	129	61	[20] Decl. changed one rev. south.
	9	48.45	2			9.22			7.9	Mu.	171	37	
	7	48.55	2			9.44			11.7[21]	Mer.	132	45	[21] Decl. changed one wire interval south.
16537	10	48.45	1	18	19	9.18[22]	22	30	....	Mer.	127	35	[22] R. A. decreased one thread interval.
16538	9	49.53	1	18	19	11.48	21	19	28.8	Mu.	266	58	
16539	10	49.47	1	18	19	11.55	20	53	12.5	Mu.	258	78	
16540	9	46.38	1	18	19	24.90	34	37	27.1	Tr.	20	26	
16541	9.10	48.55	1	18	19	28.46[23]	21	25	30.7	Mer.	133	26	[23] R. A. decreased 10 sec.
16542	9	46.54	1	18	19	29.11	30	0	8.8	Mu.	37	68	
	10	47.44	1			29.15			3.7	Mer.	190	134	
16543	9	47.54	3	18	19	30.23	27	20	59.8	Mer.	195	57	
	10	47.47	1			30.43			60.8	Mer.	101	27	
	8	47.45	1			30.50			56.5	Mu.	119	7	
16544	8	48.63	1	18	19	30.63	25	21	46.4	Mer.	139	36	
16545	8	51.60	5	18	19	33.77	16	7	14.0	Tr.	268	21	
16546	8.9	46.58	3	18	19	35.40	31	38	47.4	Mu.	39	15	
	7	48.55	2			35.52			48.3	Mer.	134	22	
16547	9	47.64	1	18	19	35.89	26	40	56.8	Mu.	127	6	
16548	7	46.52	1	18	19	36.28	26	40	22.0[24]	Tr.	36	105[25]	[24] If micrometer reading be assumed as 8.33 instead of 8.53 rev., as recorded, Decl. = 11″.9.
	8	47.34	1			36.34[26]			25.9	Mer.	187	64	
	8	47.51	2			36.38			15.7	Mer.	194	43[27]	
	7.8	46.46	2			36.39			14.4	Mer.	28	45	[25] "Second observed."
	7	47.64	3			36.41			11.9	Mu.	127	5	[26] R. A. increased one thread interval.
	4	46.52	3			36.53			10.8	Mu.	31	78	[27] "Double; north observed."
	8	47.48	3			36.54			11.9	Mer.	193	18[28]	[28] "North observed."
	5	48.49	1			36.56			13.5[29]	Mu.	176	55	[29] Decl. changed five rev. north.
	8	48.45	1			36.57			15.1	Tr.	165	54	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
16549	9	46.61	3	18	19	38.60	29	26	13.5 [1]	Mer.	51	8	[1] Decl. changed one rev. north.
	9	49.50	2			38.67 [2]			13.9	Mu.	262	18	[2] Separate threads give $39^{s}.03$, $38^{s}.32$.
	8	47.32	2			38.91			9.6	Mer.	97	167	
16550	7	46.48	2	18	19	38.95	29	20	45.3	Tr.	32	76	
	7	46.61	3			39.12			45.6	Mer.	51	7	
	7.8	49.50	4			39.23			46.4	Mu.	262	19	
	8	47.32	2			39.34			43.8	Mer.	97	168	
16551	7	46.61	2	18	19	41. . . [3]	25	7	48.1	Mu.	42	23	[3] Separate threads give $42^{s}.65$, $41^{s}.61$.
	8	47.66	2			41.71 [4]			45.9	Mer.	103	4	[4] R. A. decreased 1 min.
	8	48.55	2			41.93			48.5	Tr.	175	26	
	8	48.63	1			41.97			47.9	Mu.	191	22 [5]	[5] "Double."
	8	48.55	2			42.20			47.7	Tr.	174	55	
16552	9	49.47	3	18	19	41.93	19	51	45.9	Mu.	261	65	
	10	48.49	2			42.21			. . . .	Tr.	169	76	
16553	8	46.38	2	18	19	47.86	34	21	30.6	Tr.	20	27	
16554	9	46.53	2	18	19	49.53	33	35	54.9	Mu.	36	15	
16555	10	46.67	2	18	19	51.11	32	2	. . . .	Tr.	62	6	
16556	9	49.53	2	18	19	52.01	21	27	21.9	Mu.	266	59	
16557	9	47.65	1	18	19	56.93	28	14	42.1 [6]	Mu.	128	2	[6] Decl. changed ten rev. south.
	9	46.52	4			57.22			44.4	Mer.	37	10	
16558	9	47.32	2	18	19	57. . . [7]	29	24	14.0	Mer.	97	169	[7] Separate threads give $57^{s}.59$, $55^{s}.46$. Gou gives $57^{s}.6$.
	8.9	46.61	2			57.21			8.7	Mer.	51	9	
	8	49.50	1			58.05			7.8	Mu.	262	20	
16559	9	46.58	4	18	19	58.56	41	13	25.7	Mer.	47	6	
16560	11	48.63	2	18	19	59.76	18	35	. . . .	Tr.	185	17	
16561	7	48.43	2	18	20	4.21	24	32	37.7	Mu.	170	62	
	8	46.62	2			4.74			. . . .	Tr.	57	3	
16562	7	48.55	3	18	20	5.99	23	56	40.3	Mer.	132	46	
16563	9	46.53	. .	18	20	6. . .	33	38	21.0	Mu.	36	17	
16564	8	48.54	1	18	20	6.53	25	20	49.2	Tr.	173	2	
	6	47.54	2			6.63			46.5	Mu.	123	35	
	6	46.61	2			6.66			48.4	Mu.	42	24	
	7	48.43	2			6.69			. . . .	Tr.	164	69	
	7	48.63	2			6.73 [8]			50.4	Mer.	139	37	[8] Minute assumed.
	6.7	48.63	2			6.86			49.6	Mu.	191	23	
	7.8	48.55	2			6.90			47.8	Tr.	175	27	
	9	48.55	1			6.97			46.5	Tr.	174	56	
16565	9	46.53	2	18	20	9.05	33	35	10.5	Mu.	36	16	
16566	. .	49.65	3	18	20	10.31	19	3	4.1	Mer.	186	19	
16567	7	46.46	1	18	20	10.47	33	8	20.7	Tr.	26	74	
16568	. .	49.65	. .	18	20	15. . .	19	8	58.1	Mer.	186	20	
16569	9	46.64	1	18	20	18.79	37	38	31.0	Mu.	48	10	
16570	7	48.55	1	18	20	22.22 [9]	23	55	34.8	Mer.	132	47	[9] One of two threads rejected; record doubtful.
16571	8	51.60	5	18	20	22.52	16	30	16.0	Tr.	268	22	
16572	7	46.53	7	18	20	22.83	42	0	23.1	Mer.	42	45	
16573	8	46.46	1	18	20	23.43	33	12	29.7	Tr.	26	75	
16574	8	47.54	1	18	20	26.49	25	38	25.3 [10]	Mu.	123	36	[10] If micrometer reading be assumed as 32.530 instead of 32.330 rev., as recorded, Decl. = 12$''$.7.
	8	48.63	1			26.90			11.4 [11]	Mer.	139	38	
	7	46.61	2			27.01			3.8	Tr.	53	35	
16575	10	49.47	1	18	20	27.34	21	43	39.7	Tr.	245	61	[11] Decl. changed five rev. north.
	9	48.55	1			27.46			38.4	Mu.	182	24	
16576	9	47.64	1	18	20	32.18	26	6	47.2	Mu.	127	7	
	10	47.48	1			[23.58] [12]			47.1	Mer.	102	8	[12] GZ and Mü$_1$ give $32^{s}.7$.
16577	10	48.54	2	18	20	36.97	22	46	. . . .	Mer.	131	28	
	10	48.45	1			37.64 [13]			. . . .	Mer.	127	36	[13] Time of transit assumed as $3^{s}.5$ instead of 35^{s}, as recorded.
16578	8	48.55	2	18	20	38.55 [14]	31	3	16.3	Mer.	134	23	
	8	46.61	2			38.67			13.9	Mu.	44	24	[14] One thread decreased 10 sec.
	7	47.46	2			38.89			12.8	Mu.	120	125	
	9	47.40	1			38.94			12.2	Tr.	120	55	
	9	46.42	1			39.06			12.9	Tr.	25	77	
	9	46.58	1			39.29			13.2	Mu.	39	16	
16579	10	48.49	2	18	20	50.19	19	41	. . . . [15]	Tr.	169	77	[15] Decl. changed one wire interval south and one rev. north.
	10	49.47	1			50.57			44.4	Mu.	261	66	
16580	9	46.53	2	18	20	52. . . [16]	35	24	59.5	Tr.	44	45	[16] R. A. increased 1 min. Separate threads give $52^{s}.27$, $53^{s}.80$. Ya gives $52^{s}.2$.
16581	9	48.55	2	18	20	53. . . [17]	21	2	35.2	Mer.	133	27	
	8	48.62	2			53.34			39.9	Tr.	184	12	[17] Separate threads give $54^{s}.66$, $53^{s}.40$.
	9	49.53	1			53.71			37.3	Mu.	266	60	
	8.9	49.47	4			53.81			33.6	Mu.	258	79	
16582	8	46.61	2	18	20	54. . . [18]	30	55	8.3	Mu.	44	25	[18] Separate threads give $56^{s}.42$, $54^{s}.34$.
	9	47.40	1			54.65			6.5	Tr.	120	56	
	7.8	47.46	2			54.66			11.6	Mu.	120	126	
	9	46.42	2			54.77			11.6	Tr.	25	78	
16583	10	46.53	. .	18	20	55. . .	35	57	44.5	Tr.	44	46	
16584	9	46.61	3	18	20	55.45	41	9	39.4	Mer.	49	10	
	9	46.58	6			55.72			43.8	Mer.	47	7	
16585	6	51.60	5	18	20	57.03	16	11	10.4	Tr.	268	23	
16586	8.9	46.48	6	18	21	0.26	28	53	18.2	Mer.	32	32	
	7.8	46.63	4			0.47			18.8	Mu.	47	10	
	8.9	48.55	3			0.59			17.7	Mu.	183	25	
16587	9	46.61	1	18	21	0.70	36	54	14.3	Tr.	56	6	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
16588	9	48.43	2	18	21	3.04	25	38	....	Tr.	164	70	
	..	48.63	1			3.07			35.7[1]	Mer.	129	39	[1] Decl. changed five rev. north.
	7	46.61	2			3.34			29.2	Tr.	53	36	
	7	47.54	1			3.49			35.7	Mu.	123	37	
16589	11	48.55	2	18	21	5. ..[2]	27	1	....	Tr.	178	17	[2] Separate threads give $5^s.08$, $6^s.60$. Gou gives $5^s.3$.
	10	46.52	1			5.41			9.1	Tr.	36	106	
16590	5.6	46.34	5	18	21	6.16	43	36	12.6	Mer.	14	38	
16591	7	46.64	3	18	21	9.49	37	41	16.1	Mu.	48	11	
16592	6	48.43	1	18	21	13.68	24	9	24.3	Mu.	170	63	
	9	48.45	2			13.82			26.8	Mu.	171	38	
	8	46.62	2			14.00			....	Tr.	57	4	
16593	6	46.46	1	18	21	14.41	33	4	58.1	Tr.	26	76	
16594	9	47.48	2	18	21	18.54[3]	29	42	19.5	Tr.	125	25	[3] R. A. decreased one thread interval.
16595	10	48.49	2	18	21	21. ..[4]	23	51	....	Mer.	129	62	[4] Separate threads give $21^s.40$, $22^s.29$. GZ gives $21^s.7$.
16596	7	48.54	2	18	21	22.42	23	20	41.6	Mu.	180	8	
	7	48.53	3			22.46			40.0	Mu.	179	9	
16597	8	48.63	3	18	21	23.08[5]	18	49	....	Tr.	185	18	[5] Separate threads give $23^s.57$, $23^s.07$, $22^s.60$.
16598	6	46.46	2	18	21	23.22	32	23	0.2	Mu.	25	71	
	7	46.67	2			23.24			....	Tr.	62	7	
16599	9	46.52	3	18	21	23.86	34	50	39.8	Mu.	33	46	
	7.8	46.38	2			23.94			40.3	Tr.	20	28	
16600	7	47.65	4	18	21	26.45	28	2	47.0	Mu.	128	3	
	10	47.40	5			26.65			45.7	Mer.	189	105	
	8.9	46.52	6			26.66			48.4	Mer.	37	11	
	8	46.60	3			26.78			....	Tr.	51	39	
16601	9	48.55	1	18	21	28.41	23	58	55.7	Mer.	132	48	
16602	6	51.60	5	18	21	28.62	16	17	4.3	Tr.	268	24	
16603	9	49.47	1	18	21	34.39	21	50	51.7	Tr.	245	62	
	8	48.55	1			34.77			50.7	Mu.	182	25	
16604	10	46.52	1	18	21	38.10	27	4	4.1	Tr.	36	107	
16605	7	48.62	1	18	21	38.63	20	22	55.0	Tr.	184	13	
	9	49.47	2			38.83			52.9	Mu.	261	67	
	9	49.47	4			38.88			52.7	Mu.	258	80	
16606	7	48.63	2	18	21	48.23	24	59	16.0	Mu.	191	24	
	8	48.55	2			48.69			14.5	Tr.	175	28	
	7	46.61	2			48.73			16.4	Mu.	42	25	
	9	48.55	2			48.76[6]			14.7	Tr	174	57	[6] One thread decreased one thread interval.
	9	48.54	2			48.77			15.6	Tr.	173	3	
16607	8	46.54	1	18	21	56.99	38	11	56.7	Tr.	47	23	
16608	9	48.55	1	18	22	0.55	21	37	17.4	Mu.	182	26	
	8.9	49.53	2			0.67[7]			22.4	Mu.	266	61	[7] One of three threads rejected; R. A. $=21^m 59^s.95$.
16609	10	47.40	1	18	22	1.76	31	0	19.6	Tr.	120	57	
	10	46.42	1			1.93			21.3	Tr.	25	79	
16610	10	48.54	2	18	22	12.66[8]	23	24	....[9]	Mer.	131	29	[8] One of three threads rejected; R. A. $=13^s.59$.
	10	48.49	2			13.15			....[10]	Mer.	129	63	[9] Decl. changed ten rev. south.
	8	48.54	2			13.21			47.7	Mu.	180	9	[10] Reduced for horizontal wire 7 instead of 1 and changed one rev. south.
	7	48.53	2			13.27[11]			45.4	Mu.	179	10	
	7	48.45	2			13.29			47.4	Mu.	171	39	[11] R. A. increased one thread interval.
16611	9	47.44	4	18	22	14.00	30	10	1.4	Mer.	190	135	
	9	46.54	3			14.07			4.0	Mu.	37	69	
16612	9	48.55	3	18	22	22.88	28	36	31.1	Mu.	183	26	
	7.8	46.63	2			22.90[12]			29.8	Mu.	47	11	[12] One of three threads rejected; R. A. $=23^s.75$.
	9	46.48	2			23.12			29.8	Mer.	32	33	
	7	46.60	2			23.16			....	Tr.	51	40	
16613	7.8	47.54	1	18	22	23.30	25	47	18.3	Mu.	123	38	
	7	46.61	2			23.58			16.9	Tr.	53	37	
	7	48.63	3			23.65			18.4	Mer.	139	40	
16614	10	46.67	2	18	22	25.09	32	14	....	Tr.	62	8	
16615	9	48.55	2	18	22	30.39	21	20	49.9	Mer.	133	28	
	8.9	49.53	1			30.76			51.5	Mu.	266	62	
16616	8	46.46	2	18	22	30.77	32	41	22.1	Mu.	25	72	
16617	6.7	46.53	2	18	22	30.89	35	26	56.4	Tr.	44	47	
16618	8	48.62	2	18	22	31.07	18	59	55.6	Mu.	190	14	
16619	6	46.52	6	18	22	31.75[13]	39	59	20.8[14]	Mer.	38	36	[13] R. A. increased 1 min.
16620	10	49.50	2	18	22	32.44	29	12	39.0	Mu.	262	21	[14] Decl. changed one rev. south.
16621	9	48.62	1	18	22	33.32	19	15	22.0	Mu.	190	15	
	7	49.65	3			33.62			24.1	Mer.	186	21	
	8	49.47	1			34.29			26.5	Mu.	259	72	
16622	7	46.46	1	18	22	33.41	33	2	20.9	Tr.	26	77	
16623	9	47.40	1	18	22	35.03	31	13	52.3	Tr.	120	58	
	8	46.58	4			35.23			51.0	Mu.	39	17	
	9	48.55	3			35.28			48.4	Mer.	134	24	
	9	46.61	1			35.65[15]			50.1	Mu.	44	26	[15] R. A. increased 1 min.
16624	7	48.63	3	18	22	39.22	18	29	....	Tr.	185	19	
16625	8	46.48	2	18	22	41.32	29	17	26.5	Tr.	32	77	
	8	46.61	4			41.49			21.5	Mer.	51	10	
	8	47.32	3			41.50			21.7	Mer.	97	170	
	7.8	49.50	2			41.55			25.4	Mu.	262	22	
	8	46.48	3			41.76[16]			24.1	Mer.	32	34	[16] R. A. decreased 2 min.
16626	6.7	46.53	7	18	22	47.25	42	24	47.7	Mer.	42	46	

NO.	MAG	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
16627	8	46.46	2	18	22	51.97	27	19	16.8	Mer.	28	47	
	7	46.52	1			52.11			15.7	Tr.	36	108	
	7.8	46.40	6			52.14			18.4	Mer.	24	18	
	7	47.45	3			52.16			28.6	Mu.	119	8	
	8	46.62	1			52.21			16.2	Mu.	45	18	
	8	47.54	2			52.27[1]			20.2	Mer.	195	58	[1] One of three threads rejected, R. A.=$51^s.54$.
16628	9	48.55	3	18	22	53.37	26	35	....	Tr.	178	18	
	8	47.34	4			53.43			31.8	Mer.	187	65	
	8	47.64	3			53.55			29.1	Mu.	127	8	
	8	46.46	2			53.58			30.0	Mer.	28	46	
	6	48.49	2			53.65			29.9	Mu.	176	56	
	9	47.51	5			53.74			29.8	Mer.	194	44	
	7	46.52	3			53.85			29.5	Mu.	31	79	
	9	48.45	3			53.98			29.1	Tr.	165	55	
16629	9	46.61	2	18	22	54.85	24	49	43.9	Mu.	42	26	
	8	46.62	2			54.87			....	Tr.	57	5	
	9	48.55	2			54.99			45.6	Tr.	175	29	
16630	7	46.39	7	18	23	2.44	38	49	....	Tr.	21	32[2]	[2] "Double: both of same mag. and same R. A." The observed Decl. indicates that the northern one was taken.
16631	6	49.65	1	18	23	2.62	19	13	31.3	Mer.	186	22	
	7	49.47	1			3.03			30.1	Mu.	259	73	
	8.9	48.62	2			3.10			29.1	Mu.	190	16	
16632	10	48.49	1	18	23	6.97	20	3	....	Tr.	169	78	
	10	49.47	1			7.14[3]			7.7	Mu.	261	68	[3] R. A. decreased 1 min.
16633	9	48.62	1	18	23	7.13	20	46	10.3	Tr.	184	14	
16634	8	46.64	3	18	23	7.55	37	25	38.5	Mu.	48	12	
16635	9	46.42	1	18	23	14.19	31	5	43.8	Tr.	25	80	
16636	9	46.52	1	18	23	14.88	27	17	26.3	Tr.	36	109	
	8.9	47.45	1			14.98			24.5	Mu.	119	9	
	9	47.54	3			15.06			29.1	Mer.	195	59	
16637	11	47.40	1	18	23	16.18	28	12	54.9	Mer.	189	106	
16638	9	46.53	2	18	23	19.00	33	31	50.5	Mu.	36	18	
16639	9	49.47	1	18	23	22.59	19	13	18.7[4]	Mu.	259	74	[4] If micrometer reading be assumed as 39.652 instead of 39.852 rev., as recorded, Decl.= 31″.3. Bo VI gives 28″; Cp 50 gives 29″.
	7	49.65	1			22.83[5]			31.3	Mer.	186	23	
	8.9	48.62	2			22.84			29.1	Mu.	190	17	
16640	10	48.45	3	18	23	28.41	22	23	....	Mer.	127	37	[5] R. A. decreased two thread intervals.
16641	10	46.61	1	18	23	29.72	36	54	30.3	Tr.	56	7	
16642	9	46.58	7	18	23	30.10	41	19	16.5	Mer.	47	8	
16643	9	46.53	5	18	23	33.84	42	41	45.2	Mer.	42	47	
16644	9	48.55	1	18	23	38.61	25	11	30.4	Tr.	175	30	
	8	46.61	1			38.65			27.3[6]	Mu.	42	27	[6] Decl. changed four rev. south.
	9	47.66	2			38.76			23.1	Mer.	103	5	
	..	48.63	1			39.15			29.1	Mu.	191	25	
16645	9	48.55	2	18	23	38.68	21	20	39.3	Mer.	133	29	
	9	49.53	1			39.25			41.2	Mu.	266	63	
16646	8	48.62	1	18	23	38.89	19	4	26.7	Mu.	190	18	
16647	9	49.65	2	18	23	40.12	19	23	37.0	Mer.	186	24	
16648	11	48.55	2	18	23	40.39	24	53	56.9[7]	Tr.	174	58	[7] Decl. changed one wire interval north.
16649	9	46.53	2	18	23	40.99[8]	33	43	31.6	Mu.	36	19	[8] One of three threads rejected; R. A.=$39^s.89$.
16650	6	51.60	5	18	23	42.20	16	19	26.1	Tr.	268	25	
16651	9	48.55	1	18	23	42.26[9]	22	14	15.4	Mu.	182	27	[9] R. A. increased two thread intervals.
	9	48.55	3			42.67			15.2	Mu.	181	63	
	9	49.47	2			42.78			17.8[10]	Tr.	245	63	[10] Decl. changed one wire interval south.
16652	8	46.54	2	18	23	44.55	30	10	2.5	Mu.	37	70	
	9	47.44	4			44.79			4.2	Mer.	190	136	
16653	9	47.64	2	18	23	45.77	26	17	23.2	Mu.	127	9	
	9	46.52	1			45.96			22.3[11]	Mu.	31	80	[11] Decl. changed eight rev. south.
	10	47.48	2			45.97			21.8	Mer.	102	9	
	8	48.45	3			46.18			23.4	Tr.	165	56	
	8	47.51	1			46.28			24.8	Mer.	194	45	
16654	8	46.66	5	18	23	48.34	36	28	45.7[12]	Mu.	49	3	[12] If micrometer reading be assumed as 21.117 instead of 21.417 rev., as recorded, Decl.= 64″.6. Gou gives 66″. GZ gives 64″.
16655	10	47.48	2	18	23	49.53	29	43	7.1	Tr.	125	26	
16656	9	48.43	2	18	23	49.57	25	17	....	Tr.	164	71	
	8	47.54	1			49.62			6.5	Mu.	123	39	
	9	48.63	1			50.01[13]			6.4	Mu.	191	26	[13] R. A. decreased one thread interval.
	9	48.55	1			50.18			6.4	Tr.	175	31	
16657	9	47.40	3	18	24	2.02	28	12	27.5	Mer.	189	107	
	8	47.65	3			2.11			28.0	Mu.	128	4	
	9	46.52	6			2.29[14]			32.0	Mer.	37	12	[14] One of seven threads rejected; R. A.=$1^s.30$.
	9	46.60	2			2.39			....	Tr.	51	41	
16658	5	48.55	1	18	24	3.40	24	12	50.6	Mer.	132	50	
	5	46.62	2			4.14			....[15]	Tr.	57	6	[15] Decl. changed one rev. south.
	5	48.43	1			4.30			47.7	Mu.	170	64	
16659	5	46.46	1	18	24	7.07	33	7	18.5	Tr.	26	78	
16660	8	48.55	2	18	24	8.21	31	33	55.9	Mer.	134	25	
16661	9.10	46.46	2	18	24	9.85[16]	26	58	33.1	Mer.	28	48	[16] R. A. decreased 5 min.
	8	47.34	2			10.08[17]			23.2	Mer.	187	66	[17] R. A. decreased one thread interval.
	9	46.52	1			10.27			23.5	Tr.	36	110	
16662	10	48.49	2	18	24	11.59	23	37	....	Mer.	129	64	
	9	48.55	3			11.76			37.7	Mer.	132	49	
16663	8	47.45	1	18	24	12.43	27	35	32.2	Mu.	119	10	
	10	47.47	1			12.46			32.6	Mer.	101	28	
	8	46.40	2			12.57			28.9	Mer.	24	19	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
16664	6	46.46	1	18	24	14.69	33	4	1.9 [1]	Tr.	26	79	[1] Decl. changed two rev. south.
16665	9	48.55	1	18	24	17.24	22	43	28.2	Mu.	181	64	
16666	11	46.61	2	18	24	19.67	25	48	25.4	Tr.	53	38	
16667	9	46.67	2	18	24	23.01	32	21	....	Tr.	62	9	
16668	8	48.63	4	18	24	23.01	18	28	....	Tr.	185	20	
16669	7	46.52	5	18	24	27.60	34	55	24.8	Mu.	33	47	
16670	9	48.43	2	18	24	28.97	25	33	....	Tr.	164	72	
	6	48.63	2			29.17			13.0 [2]	Mer.	139	41	[2] Decl. changed ten rev. north.
	7	47.54	1			29.20			13.5	Mu.	123	40	
16671	10	47.40	1	18	24	33.06	28	11	18.4	Mer.	189	108	
16672	9	49.47	4	18	24	33.92	20	28	23.4	Mu.	258	81	
	8.9	49.47	2			33.99			26.4	Mu.	261	69	
16673	9	48.62	2	18	24	36.18	20	43	45.2	Tr.	184	15	
16674	7	47.46	3	18	24	36.21	30	59	23.0	Mu.	120	127	
	7	46.42	1			36.22			20.8	Tr.	25	81	
16675	7	48.43	1	18	24	37.33	24	13	47.6	Mu.	170	65	
16676	8	47.34	1	18	24	35.93	26	54	1.3	Mer.	187	67	
	8.9	46.46	2			37.45			7.2	Mer.	28	49	
	8	46.52	1			37.53			6.3	Tr.	36	111	
	10	48.55	3			38.05			....	Tr.	178	19	
16677	9	49.53	2	18	24	37.52	21	20	22.8	Mu.	266	64	
	10	48.55	2			37.93			20.8	Mer.	133	30	
16678	9	46.61	2	18	24	42.40	31	15	49.2 [3]	Mu.	44	27	[3] Decl. changed one rev. south.
	7	48.55	1			42.64			48.2	Mer.	134	26	
	8	46.58	2			42.69			50.0	Mu.	39	18	
16679	4	48.43	1	18	24	43.07 [4]	24	8	20.4	Mu.	170	66	[4] R. A. decreased one thread interval.
	4	48.55	1			43.33			20.6	Mer.	132	51	
	5	48.45	2			43.59			17.1	Mu.	171	40	
16680	7.8	47.65	1	18	24	43.67	28	27	12.1	Mu.	128	5	
	9	48.55	1			43.80			11.2	Mu.	183	27	
	8	46.63	3			44.01			9.7	Mu.	47	12	
	7	46.60	1			44.11			....	Tr.	51	42	
16681	6	51.60	5	18	24	44.33	16	8	59.4	Tr.	268	26	
16682	10	48.49	2	18	24	44.45	19	57	....	Tr.	169	79	
	9.10	49.47	1			44.49			1.7	Mu.	261	70	
16683	10	46.38	1	18	24	46.14	34	27	57.2	Tr.	20	29	
16684	10	48.45	3	18	24	46.27	22	32	....	Mer.	127	38	
	9	48.55	1			46.31			21.0	Mu.	181	65	
16685	8	46.61	3	18	24	50.58	31	22	9.7	Mu.	44	28	
	7	48.55	2			50.96			10.6	Mer.	134	27	
	7	46.58	2			51.09			10.2	Mu.	39	19	
16686	8	46.61	2	18	24	52.03	25	29	5.2	Tr.	53	39	
	7	48.63	2			52.07			14.5	Mer.	139	42	
16687	9	46.54	1	18	25	7.29	38	1	5.4	Tr.	47	24	
16688	10.11	49.47	1	18	25	10.24 [5]	20	23	1.9	Mu.	258	82	[5] R. A. decreased one thread interval.
16689	8	47.45	1	18	25	12.56	27	40	32.2	Mu.	119	11	
	8	46.40	2			12.75			47.4 [6]	Mer.	24	20	[6] If micrometer reading be assumed as 40.12 instead of 39.62 rev., as recorded, Decl. = $30''.2$.
	10	47.54	1			12.85			31.0	Mer.	195	60	
16690	9	47.40	1	18	25	15.52	30	50	26.3	Tr.	120	59	
	9	46.42	1			15.54			24.8	Tr.	25	82	
	8	47.46	1			15.81			25.4	Mu.	120	128	
16691	9	46.52	5	18	25	16.60	28	10	36.0 [7]	Mer.	37	13	[7] Decl. changed one rev. north.
	8	47.65	1			16.99			35.8	Mu.	128	6	
16692	9	52.52	5	18	25	18.14	17	38	44.5	Tr.	282	30	
16693	11	49.47	1	18	25	21.01	21	39	43.0	Tr.	245	64	
16694	6	48.43	1	18	25	21.45	24	19	53.5	Mu.	170	67	
	6	46.62	3			22.40			....	Tr.	57	7	
16695	10	48.55	1	18	25	23.11 [8]	25	18	53.9	Tr.	174	59	[8] R. A. increased 1 min.
16696	10	48.45	2	18	25	30.46	26	35	6.0	Tr.	165	57	
16697	8	48.49	2	18	25	32. . . [9]	19	53	....	Tr.	169	80	[9] Separate threads give $32^{s}.52$, $34^{s}.78$. CiZ gives $32^{s}.4$.
	8	49.47	2			32.20			48.4	Mu.	261	71	
16698	7	46.46	2	18	25	36.58	33	0	8.9	Mu.	25	73	
16699	10	48.45	1	18	25	37.42	22	39	.... [10]	Mer.	127	39	[10] Decl. changed one wire interval and three rev. south.
	9	48.55	1			37.42			19.8	Mu.	181	66	
16700	9.10	49.47	1	18	25	39.68	19	46	21.0 [11]	Mu.	261	72	[11] Decl. changed five rev. north.
16701	11	46.61	1	18	25	42.40	36	55	18.9	Tr.	56	8	
16702	8	46.52	4	18	25	51.68	35	0	59.4	Mu.	33	48	
16703	7	46.54	1	18	26	0.89	38	15	20.9	Tr.	47	25	
16704	9	46.46	1	18	26	2.15	33	17	14.1	Tr.	26	80	
16705	9	48.60	1	18	26	6.02	22	5	....	Tr.	182	1	
	9	49.47	1			6.50			30.8	Tr.	245	65	
	8	48.55	1			7.51			29.2	Mu.	182	28	
16706	7	46.54	2	18	26	7.96 [12]	30	2	60.0	Mu.	37	71	[12] One of three threads rejected; R. A. = $8^{s}.83$.
	8	47.44	3			8.01			59.1	Mer.	190	137	
16707	8	46.63	2	18	26	9. . . [13]	28	26	15.4	Mu.	47	13	[13] Separate threads give $9^{s}.77$, $8^{s}.56$.
	10	47.40	1			9.18			14.1	Mer.	189	109	
	7	47.65	1			9.27			16.5	Mu.	128	7	
	7	46.60	3			9.35			....	Tr.	51	43	
16708	7	47.45	2	18	26	9. . . [14]	27	27	11.7	Mu.	119	12	[14] Separate threads give $9^{s}.63$, $17^{s}.80$.
	7	46.62	2			9.56			14.7	Mu.	45	19	
	7.8	46.40	1			9.86			16.5	Mer.	24	21	
	9	47.54	1			9.86			12.8	Mer.	195	61	
	9	47.47	3			9.97			13.7	Mer.	101	29	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
16709	9	46.38	1	18	26	14.72	34	13	38.2	Tr.	20	30	
16710	9.10	46.53	3	18	26	16.57[1]	42	13	23.5	Mer.	42	48	[1] One of four threads rejected; R. A.=17^{s}.39.
16711	8.9	48.55	1	18	26	18.49	22	12	9.3	Mu.	181	67	
	9	48.55	1			18.79			10.4	Mu.	182	29	
16712	7	48.55	3	18	26	21.74	30	56	26.1	Mer.	134	28	
16713	7	46.53	1	18	26	23.32	35	33	33.2	Tr.	44	48	
16714	10	46.61	2	18	26	23.45	25	43	32.1	Tr.	53	40	
16715	8	48.62	2	18	26	23.96	20	57	7.4	Tr.	184	16	
	8.9	48.55	4			24.17			2.6	Mer.	133	31	
	7.8	49.53	5			24.18			6.4	Mu.	266	65	
	8	49.47	3			24.35			6.0	Mu.	258	83	
16716	6	47.48	2	18	26	24.91	29	48	43.9	Tr.	125	27	
	8	47.44	4			24.92			42.0	Mer.	190	138	
	6	46.54	3			24.96			44.1	Mu.	37	72	
	7	49.50	5			25.01			44.7	Mu.	262	23	
	7	46.61	3			25.11			48.3	Mer.	51	11	
	7	46.48	3			25.15			42.8	Tr.	32	78	
16717	9	46.64	2	18	26	25.90	37	46	28.6[2]	Mu.	48	13	[2] If micrometer reading be assumed as 19.466 instead of 19.166 rev., as recorded, Decl.= 9$''$.7. GZ gives 8$''$.
16718	5	49.65	7	18	26	32.79	19	22	47.7	Mer.	186	25	
	8.9	48.62	2			32.88[3]			49.0	Mu.	190	19	
	8	49.47	3			32.89[4]			51.2	Mu.	259	75	[3] One of three threads rejected; R. A.=31^{s} 98.
16719	9.10	48.62	3	18	26	38.86	19	30	9.7	Mu.	190	20	[4] One thread increased 10 sec.
16720	6	51.60	5	18	26	41.88	16	15	3.2	Tr.	268	27	
16721	8	46.61	5	18	26	43.17	40	55	5.8	Mer.	49	11	
16722	8	46.64	2	18	26	43.71	37	31	47.2	Mu.	48	14	
16723	9	46.62	1	18	26	43.94	27	18	15.7	Mu.	45	20	
	8.9	46.46	2			44.62			8.0	Mer.	28	50	
	10	46.52	1			44.72			11.6	Tr.	36	112	
	8	47.45	1			45.03			11.2	Mu.	119	13	
16724	8.9	48.55	1	18	26	46.87	23	39	22.5	Mer.	132	52	
16725	11	48.55	1	18	26	48.55	26	41	....	Tr.	178	20	
	9	46.52	1			48.76			3.1	Tr.	36	114	
16726	8	48.63	3	18	26	49.20	18	39	....	Tr.	185	21	
16727	9	52.52	5	18	26	50.14	17	34	51.4	Tr.	282	31	
16728	8.9	46.34	3	18	26	53.31	43	4	18.8	Mer.	14	39	
16729	8	46.62	2	18	26	56.45	24	33	....	Tr.	57	8	
16730	10	46.67	2	18	27	1.28	31	49	....	Tr.	62	10	
16731	8.9	46.66	2	18	27	5.95	36	10	23.5	Mu.	49	4	
16732	9	46.52	1	18	27	6.53	27	8	35.6	Tr.	36	113	
	8	46.40	1			6.53			41.1	Mer.	24	22	
	9	47.34	2			7.11[5]			35.1	Mer.	187	68	[5] R. A. increased 1 min.
16733	9	46.38	1	18	27	6.62	34	38	29.6	Tr.	20	31	
16734	9	46.58	2	18	27	6.69	41	43	49.9	Mer.	47	9	
16735	10	48.49	2	18	27	15.25	23	28	....	Mer.	129	65	
16736	9	46.61	2	18	27	15.72	24	58	44.7	Mu.	42	28	
	9	47.66	4			15.89			39.8[6]	Mer.	103	6	[6] Decl. changed six rev. north.
	10	48.63	1			16.32			48.2	Mu.	191	27	
16737	8	47.54	1	18	27	20.76	25	25	44.9	Mu.	123	41	
	9	48.43	3			20.77			....	Tr.	164	73	
	8	48.63	1			21.13			45.7[7]	Mer.	139	43	[7] Decl. changed three wire intervals north.
	10	48.55	3			21.29			47.6	Tr.	174	60	
16738	9	48.60	1	18	27	21.03	19	57	23.4	Mer.	137	1	
	9	49.47	2			21.25			18.5	Mu.	261	73	
16739	9	46.52	3	18	27	26.27	28	0	29.6	Mer.	37	14	
16740	8	46.52	5	18	27	28.54	34	57	46.5	Mu.	33	49	
16741	7	47.64	5	18	27	29.21	26	24	15.0	Mu.	127	10	
	8	47.48	2			29.29			11.1	Mer.	193	19	
	9	48.55	2			29.32			....	Tr.	178	21	
	8	46.52	4			29.38			16.8	Mu.	31	81	
	8	47.51	6			29.48[8]			15.7	Mer.	194	46	[8] One of seven threads rejected; R. A.=28^{s}.48.
	9	48.45	2			29.59			18.4	Tr.	165	58	
16742	8	47.65	1	18	27	32.36	27	50	47.7	Mu.	128	8	
	9	46.52	3			32.74			46.7	Mer.	37	15	
	10	47.54	1			32.83			47.1[9]	Mer.	195	62	[9] Decl. changed one rev. north.
	10	47.40	2			32.84			51.7	Mer.	189	110	
16743	5	46.60	1	18	27	33.74	28	37	....	Tr.	51	44	
	8	48.55	4			34.06			29.3	Mu.	183	28	
	6.7	46.63	4			34.17			29.0	Mu.	47	14	
	8	46.48	7			34.29			29.4	Mer.	32	35	
16744	9	46.61	2	18	27	35.25	24	56	3.3	Mu.	42	29	
	10	48.63	1			35.27			3.7	Mu.	191	28	
16745	9	49.50	2	18	27	37.68	29	21	17.0	Mu.	262	24	
16746	10	48.49	1	18	27	38.30	23	52	....	Mer.	129	66	
	7	48.55	2			38.62			47.6	Mer.	132	53	
	8	48.45	1			38.68			47.8	Mu.	171	41	
16747	10	49.47	1	18	27	39.69	19	44	42.9	Mu.	261	74	
16748	10	47.40	1	18	27	40.64	27	56	0.2	Mer.	189	111	
16749	7	47.48	2	18	27	43.98	29	35	32.2	Tr.	125	28	
	8.9	46.61	2			44.11			31.2	Mer.	51	12	
	9	46.48	2			44.25			31.4[10]	Tr.	32	79	[10] Decl. changed one rev. south.
	7.8	49.50	1			44.39			30.2	Mu.	262	25	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
16750	9	48.63	2	18	27	44.15	18	54	....	Tr.	185	22	
16751	8	48.62	3	18	27	44.68	20	25	51.7	Tr.	184	17	
	9	49.47	2			44.78			50.6	Mu.	258	84	
16752	8	46.52	1	18	27	45.57	34	39	47.5	Mu.	33	50	
	7.8	46.38	2			45.67			51.4	Tr.	20	32	
16753	8	46.42	1	18	27	46.20	30	53	14.6	Tr.	25	83	
	8	47.40	1			46.33			14.8	Tr.	120	60	
	8	47.46	3			46.44			17.5	Mu.	120	129	
	7	48.55	3			46.57			14.9	Mer.	134	29	
	8.9	46.58	3			46.57			15.4	Mu.	39	20	
16754	9	49.47	2	18	27	52.70	20	17	30.0	Mu.	258	85	
16755	8	48.63	2	18	27	54.30	25	46	37.4[1]	Mer.	139	44	[1] Decl. changed one wire interval south.
	6	46.61	3			54.37			40.1	Tr.	53	41	
	7	47.54	2			54.40			38.2	Mu.	123	42	
16756	8	52.52	5	18	27	59.15	17	19	29.1	Tr.	282	32	
16757	9.10	48.55	2	18	28	2.28	21	9	51.0	Mer.	133	32	
16758	8.9	48.62	2	18	28	8.29	19	15	28.5	Mu.	190	21	
	9	49.47	1			8.30			28.2	Mu.	259	76	
	..	49.65	2			8.50			29.0	Mer.	186	26	
16759	9	52.52	5	18	28	9.71	17	18	59.1	Tr.	282	33	
16760	10	46.62	2	18	28	11.21	24	36	....	Tr.	57	9	
16761	9.10	49.47	1	18	28	12.43	19	53	48.4	Mu.	261	75	
	9	48.60	1			13.05			49.1	Mer.	137	2	
	10	48.49	2			13.32			....[2]	Tr.	169	81	[2] Decl. changed one rev. south.
16762	9	46.52	2	18	28	12.94[3]	28	6	18.4	Mer.	37	16	[3] One of three threads rejected; R. A.=$13^{s}.88$.
	8.9	47.65	1			13.06			18.0	Mu.	128	9	
16763	8.9	48.62	1	18	28	16.27[4]	19	19	40.5	Mu.	190	22	[4] R. A. decreased 30 sec.
	8	49.47	1			16.62			39.1	Mu.	259	77	
	..	49.65	3			16.74			38.9[5]	Mer.	186	27	[5] Decl. changed one wire interval south.
16764	10	46.67	2	18	28	18.46	31	54	....	Tr.	62	11	
16765	..	49.65	1	18	28	22.32	19	31	22.6	Mer.	186	28	
16766	9	49.47	2	18	28	28.26	21	36	54.5	Tr	245	66	
	9	49.53	2			28.54[6]			55.2	Mu.	266	66	[6] One of three threads rejected; R. A.=$27^{s}.82$.
16767	11	48.60	1	18	28	30.90	21	49	....	Tr.	182	2	
	9	48.55	1			30.97			12.3	Mu.	182	30	
16768	8	46.69	2	18	28	31...[7]	39	38	....	Tr.	65	1	[7] Separate threads give $30^{s}.63$, $31^{s}.65$. GZ gives $31^{s}.8$.
16769	8	46.46	3	18	28	31.23	32	48	5.3[8]	Mu.	25	74	
16770	..	49.65	1	18	28	36.61	19	32	38.9	Mer.	186	29	[8] Decl. changed five rev. north.
16771	9	46.53	1	18	28	37.16	34	7	12.3	Mu.	36	21	
16772	7.8	46.53	4	18	28	38.51	33	36	2.9	Mu.	36	20	
	7	46.46	1			38.64			3.1	Tr.	26	81	
16773	7	48.55	2	18	28	39...[9]	31	26	10.7	Mer.	134	30	[9] Separate threads give $39^{s}.23$, $40^{s}.43$. CPD gives $39^{s}.0$.
16774	9	46.54	1	18	28	40.01	37	59	47.5	Tr.	47	26	
16775	9	49.53	2	18	28	41.62	21	32	10.0	Mu.	266	67	
16776	8	48.45	1	18	28	43.77	23	31	4.7	Mu.	171	42	
16777	6	46.34	4	18	28	48.30[10]	43	18	29.5	Mer.	14	40	[10] One of five threads rejected; R. A.=$47^{s}.38$.
16778	8	46.52	6	18	28	49.40	40	1	57.7[11]	Mer.	38	37	[11] Decl. changed five rev. north.
16779	10	48.45	2	18	28	49.55	22	33	....	Mer.	127	40	
16780	9	46.58	3	18	28	51.67	41	33	52.8	Mer.	47	10	
16781	9	47.40	1	18	28	53.19[12]	30	59	18.5	Tr.	120	61	[12] R. A. increased one thread interval.
	10	46.42	1			53.23			19.6	Tr.	25	84	
16782	7.8	46.58	2	18	28	53.61	31	28	38.8	Mu	39	21	
	8.9	46.61	3			53.90			38.4	Mu.	44	29	
	7	48.55	3			54...[13]			34.6	Mer.	134	31	[13] Separate threads give $54^{s}.03$, $55^{s}.22$, $54^{s}.72$.
16783	7	48.55	2	18	28	55.21	21	30	59.1	Mu.	182	31	
	7.8	49.53	2			55.44			58.7	Mu.	266	68	
	6	49.47	1			55.56			61.0	Tr.	245	67	
16784	8	48.43	2	18	28	59.48	25	32	....	Tr.	164	74	
	7	47.54	2			59.48			37.0	Mu.	123	43	
	8	48.63	3			59.78			34.0	Mer.	139	45	
	6	46.61	2			59.79			37.5	Tr.	53	42	
16785	9	48.60	1	18	29	0.09	19	43	30.9	Mer.	137	3	
	9	49.47	1			0.59			27.7	Mu.	261	76	
	9	48.49	2			0.77			....	Tr.	169	82	
16786	8	48.55	2	18	29	1.61	23	50	24.3	Mer.	132	54	
16787	9	52.52	5	18	29	3.38	17	16	53.9	Tr.	282	35	
16788	8	47.44	3	18	29	5.51[14]	30	9	13.0[15]	Mer.	190	139	[14] One of four threads rejected: R. A.=$4^{s}.71$.
	7	46.54	3			5.98			3.9	Mu.	37	73	[15] If micrometer reading be assumed as 40.46 instead of 40.16 rev., as recorded, Decl.= 2″.7.
	8	47.47	2			6.05			0.2	Tr.	123	57	
16789	8	52.52	5	18	29	8.83	17	21	11.4	Tr.	282	34	
16790	8	46.64	2	18	29	9.93	37	24	40.4	Mu.	48	15	
16791	8	46.66	4	18	29	13.05	36	21	5.5	Mu.	49	5	
16792	8	46.61	2	18	29	13.72[16]	29	46	31.1	Mer.	51	13	[16] R. A. decreased one thread interval.
	8	46.54	2			13.87			27.6	Mu.	37	74	
	8	49.50	3			14.10			31.1	Mu.	262	26	
	7	47.48	1			14.23			28.4	Tr.	125	29	
16793	7	47.40	1	18	29	13.79	30	38	33.3	Tr.	120	62	
	7	47.46	5			14.02			30.9	Mu.	120	130	[17] If micrometer reading be assumed as 1.32 instead of 0.52 rev., as recorded, Decl.= 32″.9. Gou gives 33″.
	8	46.42	1			14.02			12.7[17]	Tr.	25	85	
16794	8	46.69	2	18	29	19.93	39	31	....	Tr.	65	2	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
16795	10	48.54	3	18	29	20.60	23	13	....	Mer.	131	30	
	8	48.54	1			20.95			31.3	Mu.	180	10	
16796	5	46.38	2	18	29	22.04	34	17	24.0	Tr.	20	33	
16797	4	48.55	1	18	29	23.17	23	37	40.2	Mer.	132	55	
	4	48.45	2			23.29			38.1	Mu.	171	43	
	8.9	48.49	3			23.41			....	Mer.	129	67	
16798	10	48.55	2	18	29	29.36	21	17	39.4	Mer.	133	33	
16799	9	46.53	4	18	29	31.50	42	3	41.1	Mer.	42	49	
16800	10	48.63	2	18	29	33.23	18	30	....	Tr.	185	23	
16801	9	46.53	1	18	29	38.36	35	25	2.2	Tr.	44	49	
16802	9	46.46	1	18	29	39.64	32	9	33.7	Mu.	25	75	
	7	46.67	2			39.94			....	Tr.	62	12	
16803	7	46.46	1	18	29	40.43	33	7	9.5	Tr.	26	82	
16804	9	48.54	2	18	29	43.24	24	49	62.0	Tr.	173	4	
	9	48.55	3			43.25			54.4	Tr.	174	61	
	10	48.63	1			43.30			56.0	Mu.	191	29	
	8	46.61	2			43.50			57.5	Mu.	42	30	
	8	47.66	4			43.56[1]			59.4[2]	Mer.	103	7	[1] R. A. decreased 1 min. One of five threads rejected: R. A.=$42^{s}.82$.
16805	9	48.55	3	18	29	45.29	28	38	18.9[3]	Mu.	183	29	
	8.9	46.63	2			45.51[4]			19.9	Mu.	47	15	[2] Decl. changed eight rev. north.
	9	46.48	4			45.59			21.2	Mer.	32	36	[3] Decl. changed one rev. south.
16806	7	47.65	3	18	29	46.04	28	18	20.4	Mu.	128	10	[4] One of three threads rejected; R. A.=$44^{s}.65$.
	7	46.60	2			46.10			....	Tr.	51	45	
	9	47.40	4			46.23			19.7	Mer.	189	112	
	8.9	46.52	3			46.28			21.4	Mer.	37	17	
	9	46.63	2			46.40			16.5	Mer.	55	1	
16807	9	46.64	1	18	29	51.99	37	37	56.4	Mu.	48	16	
16808	7	48.54	1	18	29	55.15	23	18	22.4	Mu.	180	11	
	9	48.54	2			55.66[5]			....	Mer.	131	31	[5] R. A. decreased 1 min.
16809	8	48.55	2	18	29	56.50[6]	21	10	13.7	Mer.	133	34	[6] One of three threads rejected; R. A.=$57^{s}.30$.
	7.8	49.53	2			56.65			14.8	Mu.	266	69	
16810	6	51.60	5	18	29	57.55	16	26	4.4	Tr.	268	28	
16811	10	48.60	1	18	29	58.29	20	24	49.2[7]	Mu.	188	1	[7] Decl. changed five rev. north.
	9.10	49.47	2			58.31			51.1	Mu.	258	86	
16812	9	48.62	2	18	30	3.03[8]	19	13	47.3	Mu.	190	23	[8] Separate threads give $3^{s}.41$, $2^{s}.66$.
	..	49.65	1			3.31			49.9	Mer.	186	30	
	9	49.47	1			3.32[9]			49.0	Mu.	259	78	[9] R. A. decreased 1 min.
16813	9.10	49.47	2	18	30	17.36	20	27	40.7	Mu.	258	87	
16814	8	46.52	4	18	30	17.53	35	17	11.9	Mu.	33	51	
16815	9	46.52	4	18	30	18.77	35	13	58.9	Mu.	33	52	
16816	8	48.55	1	18	30	27.72[10]	31	22	33.1	Mer.	134	32	[10] R. A. increased 1 min.
16817	8	48.55	1	18	30	28.86	22	5	33.8	Mu.	182	32	
	9	49.47	2			28.96			28.3	Tr.	245	68	
	10	48.60	1			28.98			....	Tr.	182	4	
	10	48.60	2			29. ..[11]			....	Tr.	182	3	[11] Separate threads give $29^{s}.06$, $29^{s}.93$. AW and CiZ give $29^{s}.3$.
16818	8	48.63	3	18	30	32.18	25	37	39.9	Mer.	139	46	
	8	47.54	1			32.78			42.4	Mu.	123	44	
16819	8.9	46.53	7	18	30	32.26	42	17	46.7	Mer.	42	50	
16820	8	46.61	4	18	30	36.10	25	37	58.1	Tr.	53	43[12]	[12] Component not stated.
	8	47.54	2			36.24			56.4	Mu.	123	45[13]	[13] "Brighter."
	8	48.43	3			36.71			....	Tr.	164	75[14]	[14] "Following."
16821	..	48.63	1	18	30	36.43	25	38	0.6	Mer.	139	47[15]	[15] "First of double."
16822	9	46.58	5	18	30	37.83	41	34	16.5	Mer.	47	11	
16823	8.9	49.53	1	18	30	40.31	21	1	60.0	Mu.	266	70	
	10	49.47	1			40.96			58.5	Mu.	258	88	
	10	48.55	1			41.35			57.9[16]	Mer.	133	35	[16] Decl. changed one rev. south.
16824	7.8	46.53	3	18	30	41.59	33	58	48.4[17]	Mu.	36	22	[17] If micrometer reading be assumed as 20.598 instead of 20.958 rev., as recorded, Decl.= 71″.0. Gou gives 73″. GZ gives 72″.
16825	9	47.44	3	18	30	55.98	30	0	38.7	Mer.	190	140	
	7	46.54	1			56.25			41.2	Mu	37	75	
16826	11	46.62	1	18	30	56.96	24	30	....[18]	Tr.	57	10	[18] Decl. changed one wire interval north.
16827	9	49.47	..	18	30	59. ..	20	48	7.0	Mu.	258	89	
	10	48.60	1			59.28[19]			16.3	Mu.	188	2	[19] R. A. increased one thread interval.
16828	9	48.49	2	18	30	59. ..[20]	20	11	....	Tr.	169	83	[20] Separate threads give $60^{s}.23$, $59^{s}.10$. Gou gives $59^{s}.7$.
	8	48.60	3			59.58			52.6	Mer.	137	4	
	7.8	49.47	4			59.91			54.3	Mu.	261	77	
16829	9	46.69	2	18	31	2.31	39	23	....	Tr.	65	3	
16830	9	46.58	3	18	31	4.34	31	2	56.8	Mu.	39	22	
	10	47.40	1			4.68			57.0	Tr.	120	63	
	8	48.55	1			4.92			58.9	Mer.	134	33	
16831	8	46.67	2	18	31	5.33	32	8	....	Tr.	62	13	
16832	8.9	49.53	1	18	31	5.80	21	5	40.8	Mu.	266	71	
16833	10	48.55	3	18	31	6.86	22	47	36.8	Mu.	181	68	
16834	9	46.53	1	18	31	9.20	34	0	2.3[21]	Mu.	36	23	[21] Decl. changed one rev. north.
16835	7.8	47.45	2	18	31	9.58	27	40	14.8	Mu.	119	14	
	10.11	47.54	2			9.77			18.1	Mer.	195	63	
	9	46.62	1			9.84			15.1	Mu.	45	21	
16836	7	46.66	5	18	31	10.37	36	26	21.8	Mu.	49	6	
16837	10	49.50	3	18	31	22.14	29	27	27.2	Mu.	262	27	
16838	8	47.40	1	18	31	22.54	30	39	30.7	Tr.	120	64	
	8	46.42	2			22.55			32.0	Tr.	25	86	
	7	47.46	5			22.60			40.6	Mu.	120	131	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		180c +		h	m	s	°	′	″				
16839	8	48.55	1	18	31	27.92	31	12	12.4	Mer.	134	34	
16840	9	47.48	2	18	31	29.04	29	26	45.5 [1]	Tr.	125	30	[1] Decl. changed one rev. south.
	10	49.50	4			29.27			50.6	Mu.	262	28	
16841	9	46.53	2	18	31	32.24 [2]	42	2	11.8	Mer.	42	51	[2] One of three threads rejected; R. A.=33^{s}.02.
	9	46.66	3			32.65			11.1	Mer.	56	1	
16842	10	48.63	1	18	31	32.94	25	8	36.3	Mu.	191	30	
	10	48.55	2			33.71			31.5	Tr.	174	62	
16843	7	47.65	2	18	31	37.40 [3]	28	23	13.3	Mu.	128	11	[3] One of three threads rejected: R. A.=36^{s}.00.
	8	46.60	3			37.47			....	Tr.	51	46	
	8	47.40	2			37.48			16.7	Mer.	189	113	
	9	46.63	2			37.49			11.0	Mer.	55	2	
	8	46.63	3			37.53			13.0	Mu.	47	16	
	9	48.55	1			37.97			14.6	Mu.	183	30	
16844	10	46.46	1	18	31	39.13	33	25	36.3	Tr.	26	83	
16845	10	48.55	1	18	31	39.55	21	37	33.1	Mu.	182	33	
	11	48.60	1			39.98			....	Tr.	182	5	
	9	49.53	1			40.23			33.9	Mu.	266	72	
	9	49.47	2			40.26			33.9	Tr.	245	69	
16846	7	48.49	2	18	31	44.95	26	52	24.6	Mu.	176	57	
	8	47.34	3			45.27 [4]			30.4	Mer.	187	69	[4] One of four threads rejected; R. A.=46^{s}.19.
	9	48.55	4			45.31			....	Tr.	178	22	
	8	46.52	1			45.34			24.1	Tr.	36	115	
	9	46.46	4			45.49			28.9	Mer.	28	51	
16847	8	46.63	1	18	31	47.86	28	57	29.4	Mu.	47	17	
	9	46.48	7			48.16			29.8	Mer.	32	37	
	9	48.55	1			48.33			29.3	Mu.	183	31	
16848	9	46.53	1	18	31	49.55 [5]	35	43	34.9	Tr.	44	50	[5] R. A. increased one thread interval.
16849	9	46.52	2	18	31	56.80	28	0	21.5	Mer.	37	19	
16850	9	47.40	1	18	31	57.27	28	5	24.9	Mer.	189	114	
	8	47.65	1			57.63			27.9	Mu.	128	12	
	9	46.63	2			58.19			24.7	Mer.	55	3	
	9	46.52	5			58.26			29.1	Mer.	37	18	
16851	10	49.47	1	18	31	57.56	20	37	33.4	Mu.	258	90	
16852	9	46.61	1	18	32	3.25	25	33	39.6	Tr.	53	44	
16853	10	46.61	2	18	32	3.90	29	5	26.2	Mer.	51	14	
	10	48.55	1			4.07			25.3	Mu.	183	32	
16854	7	46.38	2	18	32	5.29	34	35	53.7	Tr.	20	34	
16855	7.8	46.58	2	18	32	5.35	31	18	12.2	Mu.	39	23	
	8	46.61	2			5.45			12.6	Mu.	44	30	
	9	47.40	1			5.67			8.3	Tr.	120	65	
	8	48.55	2			5.71			13.5	Mer.	134	35	
16856	10	48.55	3	18	32	8.61 [6]	23	53	2.4	Mer.	132	56	[6] R. A. increased 1 min.
16857	10	48.60	1	18	32	12.59	19	40	75.6 [7]	Mer.	137	5	[7] If Decl. be changed one rev. north, Decl.= 41″.0. CiZ gives 52″.
16858	6	46.67	3	18	32	14.49	31	36	.... [8]	Tr.	62	14	
	6.7	46.58	2			14.52			45.0	Mu.	39	24	[8] Decl. changed one rev. south.
	7.8	46.61	3			14.81			46.2	Mu.	44	31	
	6	48.55	1			15.12			43.5	Mer.	134	36	
16859	9	52.52	5	18	32	14.90	17	23	52.2	Tr.	282	36	
16860	10	49.47	1	18	32	21.96	19	35	45.4	Mu.	259	79	
	10	48.62	2			22.05			47.9	Mu.	190	24	
	10	49.47	1			23.09			46.9	Mu.	261	78	
16861	10	48.55	2	18	32	23. . . [9]	25	7	23.1	Tr.	174	63	[9] Separate threads give 23^{s}.90, 23^{s}.07.
	8	48.63	3			23.04			20.0	Mu.	191	31	
	9	48.54	2			23.18			20.5	Tr.	173	5	
	8	47.66	4			23.38			21.2 [10]	Mer.	103	8	[10] Decl. changed one rev. north.
	8	46.61	4			23.49			20.5	Mu.	42	31	
16862	9	47.54	1	18	32	23.33	27	34	43.9	Mer.	195	64	
	7	47.45	2			23.42			39.6	Mu.	119	15	
	9	46.52	3			23.54			39.2	Mer.	37	20	
	8	46.40	2			23.61			45.5	Mer.	24	23	
	8	46.62	1			23.76			45.0	Mu.	45	22	
	9	47.47	2			24.14			45.2	Mer.	101	30	
16863	8	46.40	2	18	32	23.50	27	8	17.1	Mer.	24	24	
	8	46.52	1			23.51			14.6	Tr.	36	116	
	9	46.46	2			23.73			35.1 [11]	Mer.	28	52	[11] If micrometer reading be assumed as 29.30 instead of 28.70 rev., as recorded, Decl.= 14″.4.
	8	47.34	1			23.74			13.6	Mer.	187	70	
	8	47.45	1			23.83			13.5	Mu.	119	16	
16864	7	46.46	2	18	32	23.52	32	30	8.3	Mu.	25	76	
16865	11	47.48	1	18	32	29.13	26	25	49.2	Mer.	102	10	
	8.9	47.64	3			29.28			48.2	Mu.	127	11	
16866	8	46.52	5	18	32	29.90	35	17	25.8	Mu.	33	53	
16867	6	46.69	2	18	32	29.99	39	25	....	Tr.	65	4	
16868	9	47.40	1	18	32	35.92	30	45	48.2	Tr.	120	66	
16869	8	46.54	2	18	32	38.54 [12]	29	44	12.5	Mu.	37	76	[12] R. A. decreased one thread interval.
	10	47.44	3			38.70			15.3	Mer.	190	141	
16870	7	48.43	2	18	32	38.92	24	29	23.8	Mu.	170	68	
	6	46.62	2			38.94			....	Tr.	57	11	
16871	5	48.45	2	18	32	42. . . [13]	23	58	1.4	Mu.	171	44	[13] Separate threads give 43^{s}.93, 42^{s}.65.
	6	48.55	4			42.37			2.3	Mer.	132	57	
	9	48.49	4			42.66			.... [14]	Mer.	129	68	[14] Decl. changed four rev. south.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE	NO	NOTES.
		1800+		h	m	s	°	′	″				
16872	8.9	46.53	3	18	32	44.83	33	46	10.4	Mu.	36	24	
16873	11	48.63	2	18	32	47.85	18	51	....	Tr.	185	24	
16874	6	51.60	5	18	32	53.47	16	7	15.3	Tr.	268	29	
16875	9.10	47.64	1	18	32	54.70	26	24	56.5	Mu.	127	12	
16876	8	46.66	5	18	32	56.16	36	19	12.2	Mu.	49	7	
16877	9	49.53	2	18	33	0.62	21	27	26.6	Mu.	266	73	
	9.10	48.55	3			1.00			24.0	Mer.	133	36	
16878	10	46.62	2	18	33	1.10	24	10	....	Tr.	57	12	
16879	10	48.60	1	18	33	2.27[1]	20	6	2.9	Mer.	137	6	[1] R. A. increased 1 min.
16880	10	48.54	1	18	33	5.71	23	16	....[2]	Mer.	131	33	[2] Decl. changed one rev. south.
16881	8.9	49.50	2	18	33	7.50	29	36	54.1	Mu.	262	29	
	10	46.48	2			7.70			59.4	Tr.	32	80	
	8	47.48	2			7.82			56.3	Tr.	125	31	
16882	10	48.54	2	18	33	8...[3]	23	25	....	Mer.	131	32	[3] Separate threads give $7^{s}.72$, $8^{s}.60$.
	8	48.54	2			8.05			43.4	Mu.	180	12	
16883	8	47.34	2	18	33	14.30	26	44	28.6[4]	Mer.	187	71	[4] Decl. changed ten rev. north.
	10	48.55	2			14.40			....	Tr.	178	23	
	8	46.52	1			14.63			27.9	Tr.	36	117	
	8	48.49	1			14.81			28.7	Mu.	176	58	
16884	9	46.46	1	18	33	14.63	33	37	56.5	Tr.	26	84	
16885	9	46.61	5	18	33	14.74	40	56	21.1	Mer.	49	12	
16886	9	47.46	1	18	33	14.87	30	31	4.9	Mu.	120	132[5]	[5] "Double."
16887	6	51.60	5	18	33	15.49	16	31	23.7	Tr.	268	30	
16888	9.10	49.47	..	18	33	22...	20	39	13.3	Mu.	258	92	
	9	48.60	1			22.51			15.0	Mu.	188	3	
16889	10	48.55	1	18	33	22.93	22	8	6.1	Mu.	182	34	
16890	5	46.54	2	18	33	29.26	38	27	43.7	Tr.	47	27	
	6	46.39	4			29.78[6]			....	Tr.	21	33	[6] Two threads decreased one thread interval each.
16891	9	47.54	2	18	33	29.30	27	47	11.4	Mer.	195	65	
	8	47.65	1			29.46			11.6	Mu.	128	13	
	8	47.45	1			29.59			11.6[7]	Mu.	119	17	[7] Decl. changed five rev. south.
	9	46.52	2			29.64			8.1	Mer.	37	21	
	8	46.40	1			29.87			11.9	Mer.	24	25	
	9	46.62	1			30.41			12.1	Mu.	45	23	
16892	7	48.62	2	18	33	30.82	20	26	58.3	Tr.	184	18	
	8	49.47	1			31.09			58.8	Mu.	261	79	
	8	49.47	3			31.26			58.0	Mu.	258	91	
	7	48.60	1			31.28[8]			50.9	Mu.	188	4	[8] R. A. increased one thread interval.
	9	48.49	1			31.33			....[9]	Tr.	169	84	[9] Decl. changed one rev. south.
16893	7	46.67	2	18	33	33.35	31	46	....	Tr.	62	15	
	9	46.46	3			33.36[10]			....	Tr.	30	76	[10] R. A. decreased one thread interval.
16894	10	48.55	1	18	33	35.10[11]	21	18	13.0	Mer.	133	37	[11] R. A. decreased 30 sec.
16895	10	48.55	3	18	33	36.74	22	18	31.3	Mu.	181	69	
	10	48.45	2			36.97			....	Mer.	127	41	
16896	9	46.61	3	18	33	37.11	25	38	11.4	Tr.	53	45	
	9	48.63	3			37.20			8.7	Mer.	139	48	
	8	47.54	2			37.29			9.1	Mu.	123	46	
	10	48.43	2			37.31			....	Tr.	164	76	
16897	8	46.61	3	18	33	39.61	25	10	17.1	Mu.	42	32	
	8	47.66	1			39.63[12]			16.5	Mer.	103	9	[12] R. A. decreased one thread interval.
	10	48.54	2			39.87			18.8	Tr.	173	6	
	9.8	48.63	2			39.93			....	Mu.	191	32	
16898	9	49.50	1	18	33	44.83	29	47	33.4	Mu.	262	30	
	9	46.54	1			45.15			31.8	Mu.	37	77	
	9	47.44	1			45.86			29.3	Mer.	190	142	
16899	9	46.61	4	18	33	46.79	41	6	29.7	Mer.	49	13	
	9	46.46	5			47.04			26.7	Mer.	26	91	
16900	7	48.45	2	18	33	48...[13]	24	6	24.6	Mu.	171	45	[13] Separate threads give $48^{s}.65$, $47^{s}.61$. Gou gives $48^{s}.4$.
	7	48.55	3			48.21			27.8	Mer.	132	58	
	9	48.49	2			48.33[14]			....[15]	Mer.	129	69	[14] One of three threads rejected; R. A.$=47^{s}.39$.
	7	48.43	2			48.48[16]			30.9	Mu.	170	69	[15] Decl. changed one rev. south.
	7	46.62	1			48.68			....	Tr.	57	13	[16] R. A. increased 1 min.
16901	9	46.63	2	18	33	51.20	28	35	18.1	Mer.	55	4	
	8	46.60	2			51.34			....	Tr.	51	47	
	9	48.55	3			51.35			20.6	Mu.	183	33	
	9	46.48	7			51.43			21.8	Mer.	32	38	
	8	46.63	3			51.51[17]			19.5	Mu.	47	18	[17] R. A. decreased 1 min. One of four threads rejected; R. A.$=50^{s}.67$.
16902	9	46.53	5	18	33	51.52	42	43	8.2	Mer.	42	52	
16903	9	47.54	1	18	33	54.32	27	31	43.7	Mer.	195	66	
16904	7.8	46.61	2	18	33	58.92	36	51	28.6	Tr.	56	9	
16905	9	46.66	2	18	34	0.79	41	31	10.7	Mer.	56	2	
16906	9	46.66	1	18	34	2.29	41	34	29.0[18]	Mer.	56	3	[18] Decl. changed one wire interval north.
16907	6	48.62	3	18	34	4.70	19	25	19.9	Mu.	190	25	
	8	49.47	3			4.71			18.0	Mu.	259	80	
	5	49.65	6			4.85			19.1	Mer.	186	31	
16908	10	46.67	2	18	34	11.47	32	10	....	Tr.	62	16	
16909	8	52.52	5	18	34	12.99	17	24	57.6	Tr.	282	37	
16910	5	46.52	2	18	34	16.44[19]	35	47	3.3	Tr.	41	1	[19] One of three threads rejected; R. A.$=17^{s}.53$.
16911	8	48.55	3	18	34	17.46	22	33	1.6	Mu.	181	70	
	10	48.45	3			17.82			....	Mer.	127	42	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
16912	8	47.65	1	18	34	18.34	28	22	22.5	Mu.	128	14	
	9	47.40	2			19.08			26.4	Mer.	189	115	
16913	9	49.53	1	18	34	23.65	21	27	37.2	Mu.	266	74	
	10	48.55	1			23.70			33.7	Mer.	133	38	
16914	9	46.54	1	18	34	23.88	38	16	21.1	Tr.	47	28	
16915	7.8	47.64	3	18	34	23.91	26	21	39.9	Mu.	127	13	
	9	46.52	3			23.93			38.5 [1]	Mu.	31	82	[1] Decl. changed one rev. south
	10	48.55	3			24.31			....	Tr.	178	24	
	8.9	47.48	1			24.42			40.5	Mer.	193	20	
16916	10	49.47	1	18	34	27.66	19	22	1.1	Mu.	259	81	
16917	5	46.69	2	18	34	32.08	39	49	....	Tr.	65	5	
16918	9	48.55	2	18	34	34.53	31	31	10.3	Mer.	134	37	
	8	46.58	2			34.54			11.2	Mu.	39	25	
16919	9	46.46	1	18	34	35.22	33	36	35.3	Tr.	26	85	
16920	8	49.53	1	18	34	35.71	21	3	39.7	Mu.	266	75	
	9	49.47	1			35.85			39.0	Mu.	258	93	
16921	9	48.54	1	18	34	39.23	22	48	36.4	Mu.	180	13	
	9	48.55	1			39.41			36.0	Mu.	181	71	
16922	8.9	49.50	2	18	34	48.98	29	34	15.6	Mu.	262	31	
	9	46.61	3			49.12			17.7	Mer.	51	15	
	9	46.48	2			49.25			12.3	Tr.	32	81	
16923	10	48.55	1	18	34	51.38	24	50	48.8	Tr.	174	64	
16924	8	47.46	1	18	34	52.25	30	32	33.6	Mu.	120	133	
16925	9	46.61	2	18	34	55.48	25	37	11.7	Tr.	53	46	
16926	8	46.61	5	18	34	55.88	31	32	39.3	Mu.	44	32	
	8	48.55	2			56.09			38.5 [2]	Mer.	134	38	[2] Decl. changed one rev. south.
	8	46.58	3			56.15			41.2	Mu.	39	26	
16927	9	46.48	2	18	34	57. . . [3]	29	4	45.5	Mer.	32	39	[3] Separate threads give 57^s.87, 56^s.53.
	9	46.58	3			57.83			50.2	Mer.	48	1	
16928	7	46.46	1	18	34	58.96	33	31	36.7	Tr.	26	86	
	8.9	46.53	3			59.26 [4]			35.8	Mu.	36	25	[4] One of four threads rejected; R. A =58^s.49.
16929	9	52.52	5	18	34	59.11	17	41	14.5	Tr.	282	38	
16930	9	49 47	3	18	35	2.97	20	2	3.3	Mu.	261	80	
	10	48.60	4			3.33 [5]			2.8	Mer.	137	7	[5] R. A. increased 1 min.
16931	10	48.55	1	18	35	3.00	23	33	11.1	Mer.	132	59	
16932	9	47.44	3	18	35	6.61 [6]	30	7	28.6	Mer.	190	143	[6] R. A. decreased 10 sec.
	7	46.54	2			6.89			31.2	Mu.	37	78	
	8	47.47	3			7.16			27.8	Tr.	123	58	
16933	10	48.54	2	18	35	8.44	23	9	....	Mer.	131	34	
16934	9	46.52	2	18	35	8.52	28	11	10.6	Mer.	37	22	
16935	6	46.52	2	18	35	14.06	35	59	72.8	Tr.	41	2	
	6.7	46.66	5			14.88			59.5	Mu.	49	8	
16936	8	46.54	6	18	35	15.11	44	22	....	Mer.	44	5	
16937	9.10	46.66	2	18	35	15.72	41	36	51.7 [7]	Mer.	56	4	[7] Decl. changed one wire interval north.
	9	46.46	6			15.85			55.5	Mer.	26	92	
16938	9	46.53	3	18	35	16.80 [8]	42	40	39.8	Mer.	42	53	[8] R. A. increased 10 sec.
16939	9	48.63	3	18	35	16.83	18	54	....	Tr.	185	25	
16940	5	49.65	4	18	35	18.10	19	27	44.0	Mer.	186	32	
	7	48.62	3			18.29			44.4	Mu.	190	26	
	8.7	49.47	1			18.48			42.8	Mu.	259	82	
16941	8.9	46.53	4	18	35	21.53 [9]	42	42	45.8	Mer.	42	54	[9] R. A. increased 10 sec. Two of six threads rejected; R. A.=19^s.84, 20^s.27.
16942	9	48.62	2	18	35	23.90	20	21	23.7	Tr.	184	19	
	9	48.60	1			24.16 [10]			24.7	Mu.	188	5	[10] R. A. decreased one thread interval
16943	8.9	49.50	1	18	35	25.03	29	38	35.4	Mu.	262	32	
	8	46.48	3			25.27			42.0 [11]	Tr.	32	82	[11] Decl. changed one rev. south.
	8	47.48	2			25.39 [12]			33.4	Tr.	125	32	[12] R. A. increased 10 sec.
16944	7.8	47.54	1	18	35	25.71	25	30	50.4	Mu.	123	48	
	10	48.43	3			25.79			....	Tr.	164	77	
	8	48.63	1			26.40			52.0	Mer.	139	50	
16945	8	47.48	1	18	35	27.47 [13]	25	56	22.8	Mer.	193	21	[13] R. A. increased 1 min.
	7	47.64	2			27.59			18.0	Mu.	127	14	
	8	48.63	4			27.63			16.2	Mer.	139	49	
	8	46.52	3			27.68			15.9	Mu.	31	83	
	7	47.54	3			27.81			16.9	Mu.	123	47	
16946	7	47.66	3	18	35	36.11 [14]	25	9	22.0	Mer.	103	10	[14] R. A. increased 1 min.
	6.7	48.63	3			36.11			18.8	Mu.	191	33	
	7	48.55	2			36.19			21.0 [15]	Tr.	174	65	[15] Decl. changed one rev. north.
	4	46.61	4			36.22			22.1	Mu.	42	33	
	6.7	48.54	3			36.25			20.7 [16]	Tr.	173	7	[16] Decl. changed two rev. north.
16947	8.9	46.66	2	18	35	39.47	42	3	56.6	Mer.	56	5	
	8	46.53	2			39.54			55.8	Mer.	42	55	
16948	9	48.55	2	18	35	41.00	21	6	56.9	Mer.	133	39	
	8	49.53	2			41.10			63.7	Mu.	266	76	
16949	7	47.65	1	18	35	41.50	28	22	1.2	Mu.	128	15	
	9.10	47.40	2			41.70			3.4	Mer.	189	116	
	9	46.63	2			41.83			2.6	Mer.	55	5	
	8	46.60	3			41.89			....	Tr.	51	48	
	9	48.55	2			42.28			2.5	Mu.	183	34	
16950	8	47.65	1	18	35	51.42	28	15	28.5	Mu.	128	16	
16951	9	48.62	1	18	35	51.44	19	28	14.8	Mu.	190	27	
	9	49.65	2			51.45			13.6	Mer.	186	33	
	10	49.47	1			51.67			10.8	Mu.	259	83	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
16952	10	48.49	3	18	35	52.52	23	47	....	Mer.	129	70	
	9	48.55	3			52.56			6.7	Mer.	132	60	
16953	7	46.38	2	18	35	58.09	34	43	21.7	Tr.	20	35	
16954	9	48.45	1	18	35	58.80	23	23	35.4	Mu.	171	46	
16955	9	46.62	2	18	36	1.54	24	26	....	Tr.	57	14	
	9	48.43	1			1.72			14.1	Mu.	170	70	
16956	11	48.60	1	18	36	3.37	21	40	....	Tr.	182	6	
	10	48.55	1			3.47			30.3	Mu.	182	35	
16957	9	46.48	2	18	36	[6.31][1]	28	55	28.8	Mer.	32	40	[1] GZ gives 10^s.3.
	9	48.55	3			9.86			30.4	Mu.	183	35	
	9	46.58	3			10.29			32.0	Mer.	48	2	
	8.9	46.63	1			10.37			33.1	Mu.	47	19	
16958	9	46.58	4	18	36	11.28	28	54	41.2[2]	Mer.	48	3	[2] Decl. changed one rev. north.
16959	8	51.60	5	18	36	11.88	16	13	42.3	Tr.	268	31	
16960	10	48.55	3	18	36	12.44	26	59	....[3]	Tr.	178	25	[3] Decl. changed one rev. north.
16961	4	47.34	4	18	36	16.49[4]	27	8	21.6	Mer.	187	72	[4] Three of seven threads rejected; R. A. = 17^s.44, 14^s.56, 15^s.77.
	4	46.52	2			16.85			20.8	Tr.	36	118	
	4	46.62	3			16.87			17.7	Mu.	45	24	
	3.4	47.45	2			17.16			21.6	Mu.	119	18	
	5	46.46	4			17.22			13.9[5]	Mer.	28	53	[5] If micrometer reading be assumed as 44.31 instead of 44.51 rev., as recorded, Decl. = 20″.8.
	1	48.49	3			17.25			18.9[6]	Mu.	176	59	
	2	47.54	3			17.48[7]			21.3	Mer.	195	67	[6] Decl. changed one rev. north.
16962	..	48.55	2	18	36	21.34[8]	21	8	55.6	Mer.	133	40	[7] One thread increased 40 sec. One of four threads rejected; R. A. = 16^s.54.
	7.8	49.53	2			21.36			55.4	Mu.	266	77	
16963	8.9	49.47	4	18	36	21.73	20	47	40.6	Mu.	258	94	[8] R. A. decreased 1 min.
	9	48.60	1			21.99[9]			44.3	Mu.	188	6	[9] R. A. increased one thread interval.
16964	9	46.58	3	18	36	24.99	29	6	33.4	Mer.	48	4	
16965	9	46.46	4	18	36	26.01[10]	41	18	46.5[11]	Mer.	26	93	[10] R. A. increased 1 min.
16966	9	48.62	1	18	36	30.61	20	55	54.7	Tr.	184	20	[11] Decl. changed one wire interval north.
	9.10	49.47	2			30.97			53.2	Mu.	258	95	
16967	9	46.46	1	18	36	31.21	33	18	4.5[12]	Tr.	26	87	[12] Decl. changed one rev. south.
16968	9	48.55	3	18	36	36.72	31	17	11.3	Mer.	134	39	
16969	8.9	46.53	5	18	36	36.88	34	3	30.0	Mu.	36	26	
16970	6.7	47.45	2	18	36	39.26	27	39	0.7	Mu.	119	19	
	6.7	46.52	7			39.31			2.8	Mer.	37	23	
	7	46.62	1			39.34			2.9	Mu.	45	25	
	8	47.47	3			39.53[13]			1.4	Mer.	101	31	[13] One of four threads rejected; R. A. = 40^s.51.
	7	46.40	3			39.88			0.8	Mer.	24	26	
16971	8	46.34	4	18	36	44.95[14]	43	41	56.0	Mer.	14	41	[14] R. A. decreased one thread interval.
16972	9	48.55	2	18	36	45.28	31	29	33.9	Mer.	134	40	
16973	10	47.48	2	18	36	48.05[15]	26	37	31.2	Mer.	102	11	[15] R. A. decreased 1 min.
	9	47.64	1			48.08			27.0	Mu.	127	15	
16974	9	46.69	2	18	36	49.48	39	43	....	Tr.	65	6	
16975	7	46.46	3	18	36	51.04[16]	32	3	....	Tr.	30	77	[16] R. A. increased 1 min.
16976	8	47.54	1	18	36	52.61	27	29	40.5	Mer.	195	68	
	8	46.40	3			53.14			36.7	Mer.	24	27	
	7.8	47.45	1			53.25			37.9	Mu.	119	20	
16977	8	47.44	1	18	36	53.52[17]	29	40	17.0	Mer.	190	144	[17] R. A. increased two thread intervals.
	9	49.50	2			53.76			20.2	Mu.	262	33	
	9	46.61	2			53.84			23.0	Mer.	51	16	
	9	46.54	2			53.94			18.8	Mu.	37	79	
16978	11	46.52	1	18	37	5.30	35	53	7.2	Tr.	41	3	
16979	..	48.55	1	18	37	5.92	21	20	26.6[18]	Mer.	133	41	[18] Horizontal wire assumed.
	10	49.53	1			5.98			28.4	Mu.	266	78	
16980	8	46.64	4	18	37	6.16	37	42	2.0	Mu.	48	17	
16981	9.10	48.62	..	18	37	6...	19	13	56.7	Mu.	190	29	
16982	8	48.63	3	18	37	6.80	18	30	....	Tr.	185	26	
16983	8	48.60	5	18	37	9.50	19	45	25.1	Mer.	137	8	
	7	48.62	4			9.56			30.2	Mu.	190	28	
	8	48.49	2			9.67[19]			....	Tr.	169	85	[19] Separate threads give 10^s.06, 9^s.27.
	4.5	49.65	3			9.69			24.6[20]	Mer.	186	34	[20] Decl. changed ten rev. south.
	7.8	49.47	5			9.72			27.5	Mu.	261	81	
	7	49.47	1			10.28			26.5	Mu.	259	84	
16984	9	49.50	2	18	37	10...[21]	29	38	54.1	Mu.	262	34	[21] Separate threads give 10^s.37, 11^s.59. Gou gives 10^s.7.
	10	46.48	3			10.99			56.7	Tr.	32	83	
	9	46.54	1			11.02			47.7	Mu.	37	81	
16985	9	48.55	3	18	37	13.97	24	3	31.5	Mer.	132	61	
16986	8	47.44	2	18	37	12.70[22]	29	46	55.5	Mer.	190	145	[22] One of three threads rejected; R. A. = 14^s.01.
	7	47.47	2			14.12			54.3	Tr.	123	59	
	6	46.61	3			14.15			58.2	Mer.	51	17	
	7.8	49.50	3			14.23			58.5	Mu.	262	35	
	7	47.48	2			14.38			57.0	Tr.	125	33	
	7	46.54	4			14.41[23]			54.6	Mu.	37	80	[23] One thread increased one thread interval.
16987	6	46.61	5	18	37	15.02	40	33	33.5	Mer.	49	14	
	7	46.47	6			15.34			34.5	Mer.	29	1	
16988	6.7	48.55	7	18	37	17.79	22	32	37.6	Mu.	181	72	
	8.9	48.45	4			18.16			....[24]	Mer.	127	43	[24] Decl. changed one rev. south.
16989	10	49.47	1	18	37	18.30	20	55	20.7	Mu.	258	96	
16990	8	46.34	2	18	37	18.95	43	43	38.0	Mer.	14	42	
16991	9	46.46	1	18	37	23.93	33	7	8.1	Tr.	26	88	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850 0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
16992	7	46.46	2	18	37	28.66	31	53	....	Tr.	30	78	
16993	11	48.60	1	18	37	31.39	22	5	....	Tr.	182	7	
16994	9	46.61	1	18	37	36.64	31	0	54.2	Mu.	44	33	
	8	47.40	1			38.59			52.9	Tr.	120	67	
	7	48.55	2			38.66			57.2	Mer.	134	41	
	10	46.42	1			39.06			53.2	Tr.	25	87	
	9	46.58	3			39.19[1]			51.6	Mu.	39	27	[1] One of four threads rejected; R. A.=38^{s}.29.
16995	10	48.55	2	18	37	40.04	25	4	11.2	Tr.	174	66	
	8	47.66	3			40.11			16.2	Mer.	103	11	
	10	48.63	1			40.14			15.0	Mu.	191	34	
16996	10	48.49	1	18	37	43.37	23	46	....	Mer.	129	71	
	8	48.55	1			43.61			37.6	Mer.	132	62	
	9	48.45	1			43.66			36.6[2]	Mu.	171	47	[2] Decl. changed one rev. north.
16997	7	46.46	3	18	37	51.36	32	42	58.3	Mu.	25	77	
16998	10	48.55	2	18	37	52. . .[3]	26	22	....[4]	Tr.	178	26	[3] Separate threads give 52^{s}.07, 53^{s}.24.
	9	47.48	2			52.66			5.7	Mer.	193	22	[4] Decl. changed two rev. north.
	9	47.64	1			52.73			4.6	Mu.	127	16	
16999	7	46.69	2	18	37	53.28	39	45	....	Tr.	65	7	
17000	10	48.45	2	18	37	55.52	22	26	....[5]	Mer.	127	44	[5] Decl. changed one rev. south.
	10	48.55	1			55.71			47.6	Mu.	181	73	
17001	9.10	49.47	1	18	38	2.94	20	37	7.8[6]	Mu.	258	97	[6] Decl. changed one rev. south.
	8	48.62	2			3.77			13.0[7]	Tr.	184	21	[7] Decl. changed one wire interval north.
17002	8	47.54	1	18	38	3.49	25	22	13.9	Mu.	123	49	
	10	48.43	2			3.67[8]			....	Tr.	164	78	[8] One of three threads rejected; R. A.=4^{s}.93.
	8	46.61	2			3.73			15.2	Tr.	53	47	
	8	48.63	2			3.80			14.1[9]	Mer.	139	51	[9] Decl. changed one wire interval north.
17003	9	46.61	4	18	38	5.81	41	2	39.5	Mer.	49	15	
17004	10	48.54	1	18	38	8.37[10]	22	55	....[11]	Mer.	131	35	[10] R. A. decreased one thread interval.
17005	9	46.69	2	18	38	8.82	39	38	....	Tr.	65	8	[11] Decl. changed one wire interval and one rev.
17006	9	47.40	5	18	38	9.58[12]	28	26	5.9	Mer.	189	117	south.
	7.8	46.63	4			9.78			5.0	Mu.	47	20	[12] Three threads decreased 10 sec. each.
	7	47.65	2			9.79[13]			4.9[14]	Mu.	128	17	[13] One of three threads rejected; R. A.=8^{s}.82.
	8	46.63	4			9.80			6.6	Mer.	55	6	[14] Decl. changed five rev. south.
	7	46.60	3			9.80			....	Tr.	51	49	
	8	48.55	5			9.99			7.6	Mu.	183	36	
17007	10	49.47	..	18	38	10. . .	20	32	56.6	Mu.	258	98	
17008	7	46.64	3	18	38	11.22	37	10	7.9	Mu.	48	18	
	7	46.61	2			11.26			10.3	Tr.	56	10	
17009	9	46.52	6	18	38	13.61	27	54	14.2	Mer.	37	24	
17010	9.10	46.66	5	18	38	16.14	41	29	41.1	Mer.	56	6	
	9	46.46	6			16.68			43.1	Mer.	26	94	
17011	8	46.53	5	18	38	20.98	34	3	50.6	Mu.	36	27	
17012	8	48.43	2	18	38	21.19	24	28	36.1	Mu.	170	71	
	7	46.62	2			21.19			....	Tr.	57	15	
17013	10	49.53	2	18	38	24.11	21	17	35.3	Mu.	266	79	
17014	9	46.46	1	18	38	24.17	33	7	41.7[15]	Tr.	26	89	[15] "Micrometer reading doubtful." Decl. may
17015	9	47.47	1	18	38	32.41	27	14	40.8	Mer.	101	32	be 51″.8.
	7	47.45	1			32.54			27.9	Mu.	119	21	
	8	46.62	2			32.59			32.0	Mu.	45	26	
	8	46.40	2			32.61[16]			32.7	Mer.	24	28	[16] R. A. decreased 10 sec.
	9	47.54	2			32.64			36.7	Mer.	195	69	
	8	46.52	1			32.86			31.3	Tr.	36	119	
	8	48.49	2			32.95[17]			29.3	Mu.	176	60	[17] One thread increased one thread interval.
	8	47.34	3			33. . .[18]			34.1[19]	Mer.	187	73	[18] Separate threads give 31^{s}.77, 33^{s}.35, 32^{s}.55.
	8.9	46.46	2			33.01			32.6	Mer.	28	54	[19] Decl. changed one rev. north.
17016	8	47.64	1	18	38	33.29	26	7	32.9	Mu.	127	17	
17017	9	46.42	1	18	38	33.90	30	30	51.1	Tr.	25	88	
	8	47.46	6			33.97			49.5	Mu.	1[illegible]0	134	
17018	8	46.46	2	18	38	38.59	32	1	....	Tr.	30	79	
17019	11	46.52	2	18	38	45.05	35	47	13.7	Tr.	41	4	
17020	9	48.63	2	18	38	45.42	18	54	....	Tr.	185	27	
17021	9	48.49	1	18	38	45.78	20	1	....	Tr.	169	86	
	9	48.60	2			46.20			25.6	Mer.	137	9	
	9.10	49.47	2			46.34[20]			18.9	Mu.	261	82	[20] Separate threads give 45^{s}.96, 46^{s}.71.
17022	5.6	46.34	4	18	38	47.24	43	35	35.0	Mer.	14	43	
17023	10	48.49	1	18	38	49.42	23	24	....[21]	Mer.	129	72	[21] Decl. changed one rev. south.
17024	11	46.62	1	18	38	50.33	24	29	....	Tr.	57	16	
17025	6	51.60	5	18	38	52.74	16	8	10.4	Tr.	268	32	
17026	8	47.66	2	18	38	57.58[22]	24	55	....	Mer.	104	1	[22] R. A. decreased 1 min.
	9	46.61	4			57.65			48.8	Mu.	42	34	
	10	48.55	2			57.72			52.9	Tr.	174	67	
	8	48.63	2			57.84			46.9	Mu.	191	35	
	9	48.54	2			57.87			45.3[23]	Tr.	173	8	[23] Decl. changed two rev. north.
17027	8	49.47	2	18	38	58. . .[24]	20	25	56.6	Mu.	261	83	[24] Separate threads give 57^{s}.83, 58^{s}.83.
	7	48.60	3			58.38			53.5	Mu.	188	7	
	8.9	49.47	1			58.42			53.2	Mu.	258	99	
17028	10	49.53	1	18	38	59.45	21	7	14.6	Mu.	266	80	
17029	8.9	47.70	1	18	39	12.43	30	14	57.4	Mu.	131	1	
17030	10	48.45	1	18	39	14.13	22	34	....	Mer.	127	45	
17031	6	46.46	4	18	39	15.68	32	52	13.7	Mu.	25	78	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
17032	7	46.52	4	18	39	18.52	34	54	16.9	Mu.	33	54	
17033	8	47.40	1	18	39	21.31	30	47	18.5	Tr.	120	68	
	10	46.42	1			21.51			19.2	Tr.	25	89	
17034	9	48.49	1	18	39	21.56	27	0	39.7	Mu.	176	61	
	10	48.55	3			21.70			....[1]	Tr.	178	27	[1] Decl. changed one rev. north.
	9	46.52	1			21.88			36.8	Tr.	36	120	
17035	8	48.62	3	18	39	23.41	19	21	25.4	Mu.	190	30	
	6	49.65	5			23.61			27.8	Mer.	186	35	
	7.8	49.47	2			23.86[2]			26.4	Mu.	259	85	[2] Separate threads give $24^{s}.21$, $23^{s}.50$.
17036	9	46.64	1	18	39	27.94	37	28	21.0	Mu.	48	19	
17037	6	51.60	5	18	39	28.16	16	34	39.6	Tr.	268	33	
17038	9	46.53	5	18	39	28.72[3]	42	22	18.7	Mer.	42	56	[3] One of six threads rejected; R. A.=$27^{s}.66$.
17039	9	47.64	1	18	39	36.33	26	12	25.5	Mu.	127	18	
	9	47.48	2			36.93			21.7	Mer.	193	23	
17040	8	46.69	2	18	39	37.71	39	30	....	Tr.	65	9	
17041	10	48.60	2	18	39	39.55[4]	19	50	45.2	Mer.	137	10	[4] One thread increased two thread intervals; the other increased one thread interval.
17042	8	47.46	1	18	39	44.40	30	37	55.4	Mu.	120	135	
	9	46.42	1			44.58			58.1	Tr.	25	90	
	8	47.40	1			44.64[5]			60.2	Tr.	120	69	[5] R. A. increased one thread interval.
17043	8	47.64	1	18	39	48.63	26	33	52.7	Mu.	127	19	
	9	47.48	3			48.99			50.5	Mer.	102	12	
	9	46.46	1			49.01			49.9	Mer.	28	55	
	9	46.52	2			49.01			49.9	Mu.	31	84	
17044	9	46.53	3	18	39	49.15	33	45	27.7	Mu.	36	28	
17045	8	47.45	1	18	39	50.04	27	16	2.3	Mu.	119	22	
17046	8	46.38	2	18	39	50. . .[6]	34	41	36.5	Tr.	20	36	[6] Separate threads give $50^{s}.69$, $49^{s}.74$.
	9	46.52	2			50.68			34.2	Mu.	33	55	
17047	7.8	47.65	3	18	39	51.67	27	53	14.8	Mu.	128	18	
	9	46.52	4			51.72			15.1	Mer.	37	25	
	9	47.40	2			51.77			14.8	Mer.	189	118	
17048	9	46.58	5	18	39	55.60	29	14	26.6	Mer.	48	5	
	10	49.50	1			55.64			20.6	Mu.	262	36	
17049	8	46.38	1	18	39	56.72	34	21	17.1	Tr.	20	37	
17050	8.9	49.47	2	18	39	57.00	20	18	53.5	Mu.	261	84	
	9	48.60	2			57.33[7]			50.1	Mu.	188	8	[7] One thread increased 10 sec.
17051	8	48.63	1	18	39	58.01	18	45	....	Tr.	185	28	
17052	11	46.46	3	18	40	2.02	31	42	....	Tr.	30	80	
17053	11	52.52	5	18	40	10.86	17	17	10.8	Tr.	282	39	
17054	11	46.52	2	18	40	13.87	35	49	55.6	Tr.	41	5	
17055	8	46.46	2	18	40	14.54	27	17	13.9	Mer.	28	56	
	8	46.40	3			14.58			14.1	Mer.	24	29	
	8	46.52	1			14.63			15.9	Tr.	36	121	
	8	46.62	2			14.65			14.9	Mu.	45	27	
	7	47.45	1			14.77			15.3	Mu.	119	23	
	8	47.54	4			14.90[8]			15.6	Mer.	195	70	[8] One thread increased 20 sec.
	9	47.47	1			15.51			2.7[9]	Mer.	101	33	[9] Decl. changed six rev. north. If micrometer reading be assumed as 38.514 instead of 32.814 rev., as recorded, Decl.=13″.0.
17056	9	46.53	2	18	40	17.44	33	45	36.1	Mu.	36	29	
17057	9	47.70	1	18	40	18.98	30	10	16.3	Mu.	131	2	
	9	46.54	1			19.02			11.7	Mu.	37	82	
17058	8	46.62	2	18	40	19.45	24	42	....	Tr.	57	17	
	10	48.54	2			19.78			18.1	Tr.	173	9	
	9	48.43	1			20.35			14.6	Mu.	170	72	
17059	9	46.53	3	18	40	20.42	33	41	14.4	Mu.	36	30	
	8	46.46	1			20.44			17.3	Tr.	26	90	
17060	9	46.61	2	18	40	21.87	36	58	44.9	Tr.	56	11	
17061	8	47.54	3	18	40	24.09	25	46	34.2	Mu.	123	50	
	9	48.63	3			24.31			33.0	Mer.	139	52	
	10	48.43	3			24.32			....	Tr.	164	79	
	8	46.61	2			24.41			30.4	Tr.	53	48	
17062	7.8	46.46	7	18	40	25.96	41	13	36.9	Mer.	26	95	
	8	46.61	5			26.00			41.4	Mer.	49	16	
17063	8	48.55	2	18	40	31.75	31	18	20.9	Mer.	134	42	
	9	46.58	3			32.09			20.6	Mu.	39	28	
17064	8	47.64	1	18	40	41.11	26	6	40.8	Mu.	127	20	
17065	8	48.62	2	18	40	45.76	19	18	19.6	Mu.	190	32	
	7	49.47	1			45.88			19.0	Mu.	259	86	
	7	49.65	4			45.89			21.7	Mer.	186	36	
17066	7	49.47	4	18	40	45.76[10]	20	29	23.0	Mu.	258	100	[10] One of five threads rejected; R. A.=$47^{s}.92$.
	6	48.60	2			45.87			24.8	Mu.	188	9	
	6.7	48.62	3			46.12			23.1[11]	Tr.	184	22	[11] Decl. changed one rev. south.
17067	8	49.47	1	18	40	46.58	19	4	18.2	Mu.	259	87	
	9	49.65	1			46.59[12]			28.7[13]	Mer.	186	37	[12] R. A. increased 1 min. and decreased one thread interval.
	9	48.62	1			46.87			17.8	Mu.	190	31	
17068	9	46.66	3	18	40	47.14	41	41	32.2	Mer.	56	7	[13] AW gives 18″. CiZ gives 17″.
17069	6	46.69	2	18	40	47.20	39	20	....	Tr.	65	10	
17070	6.7	46.38	2	18	40	51.28	34	28	13.8	Tr.	20	38	
17071	7.8	46.63	5	18	40	53.25	28	46	23.2	Mu.	47	21	
	8	46.58	4			53.29			29.0	Mer.	48	6	
	8.9	46.63	5			53.42			25.1	Mer.	55	7	
	9	48.55	4			53.61			22.5	Mu.	183	37	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
17072	9	48.60	2	18	40	53.58	20	10	27.2	Mer.	137	11	
	9	49.47	1			53.62			31.0	Mu.	261	85	
	10	48.49	2			54.04			....	Tr.	169	87	
17073	8	46.64	2	18	40	54.91	37	24	52.6	Mu.	48	20	
17074	8	46.61	3	18	40	59.72	24	48	19.4	Mu.	42	35	
	7	46.62	2			59.89			....	Tr.	57	18	
	8	47.66	2			59.91			....	Mer.	104	2	
	9	48.55	2			59.94			14.5[1]	Tr.	174	68	[1] Decl. changed one rev. south.
	9	48.54	2			60.13			17.7	Tr.	173	10	
	9	48.63	2			60.36			16.3	Mu.	191	36	
17075	9	48.63	2	18	41	7.51	25	19	50.4	Mer.	139	53	
17076	8.9	48.54	3	18	41	7.58[2]	23	0	....[3]	Mer.	131	36	[2] One of four threads rejected; R. A.=$8^{s}.57$.
	8	48.54	2			7.97			49.5	Mu.	180	14	[3] Decl. changed one rev. north.
17077	10.9	46.54	6	18	41	14.66	44	42	....	Mer.	44	6	
17078	6	48.49	3	18	41	16.93[4]	26	56	7.9	Mu.	176	62	[4] One thread increased 10 sec.
	8	47.34	3			17...[5]			6.2	Mer.	187	74	[5] Separate threads give $17^{s}.54$, $16^{s}.76$, $15^{s}.96$.
	8	46.46	2			17.01[6]			8.9	Mer.	28	57	[6] R. A. decreased one thread interval.
	8	48.55	3			17.08[7]			....	Tr.	178	28	[7] R. A. increased 1 min.
	7	46.52	2			17.15			8.4	Tr.	36	122	
17079	10	46.53	1	18	41	17.60	33	2	47.7	Tr.	45	1	
17080	7	48.55	2	18	41	18.49	31	7	43.7	Mer.	134	43	
	8.9	46.61	4			18.50			41.7	Mu.	44	34	
	8	47.40	1			18.56[8]			43.5	Tr.	120	70	[8] R. A. increased two thread intervals.
	8	46.42	1			18.88			41.5	Tr.	25	91	
17081	9	47.40	1	18	41	20.52	30	57	47.6	Tr.	120	71	
	8.9	47.46	2			20.74			49.0	Mu.	120	136	
17082	9	48.62	1	18	41	27.44	19	8	10.1[9]	Mu.	190	33	[9] Decl. changed six rev. north.
	10	49.65	1			27.50[10]			12.5[11]	Mer.	186	38	[10] R. A. increased 10 sec.
17083	10	48.54	1	18	41	30.72	22	59	....	Mer.	131	37	[11] Decl. changed one rev. south.
17084	9	46.52	2	18	41	30.75	35	7	20.7	Mu.	33	56	
17085	8	46.61	1	18	41	31.40	36	37	48.0	Tr.	56	12	
	7.8	46.66	3			31.47			51.9	Mu.	49	9	
17086	9	46.58	2	18	41	34.41	28	56	21.9	Mer.	48	7	
17087	8	46.66	4	18	41	35.53	41	52	38.9	Mer.	56	8	
17088	9	49.47	1	18	41	38.20	19	27	52.4	Mu.	259	88	
17089	9	48.55	1	18	41	38.35	22	25	59.0	Mu.	181	74	
	10	48.45	1			38.55			....	Mer.	127	46	
17090	9	46.54	1	18	41	39.75	30	11	20.4	Mu.	37	83	
	8	47.70	1			40.58			18.5	Mu.	131	3	
17091	9	52.52	5	18	41	41.25	17	24	9.3	Tr.	282	40	
17092	9.10	49.50	3	18	41	43.34	29	35	20.6	Mu.	262	37	
	10	47.66	1			43.46			18.1	Tr.	126	1	
17093	8	46.46	6	18	41	44.61	41	5	8.2	Mer.	26	96	
	8	46.61	5			44.79			11.2	Mer	49	17	
17094	9	47.47	2	18	41	48...[12]	30	17	9.6	Tr.	123	60	[12] Separate threads give $48^{s}.26$, $47^{s}.05$.
	9	46.54	1			48.19			10.1	Mu.	37	84	
	8	47.70	1			48.41			10.9	Mu.	131	4	
17095	7.8	48.55	3	18	41	49.28	22	19	41.4	Mu.	181	75	
	9	48.60	1			49.68			....	Tr.	182	8	
17096	8	48.55	3	18	41	49.56	23	46	11.5[13]	Mer.	132	63	[13] Reduced for wire 4, 44 rev. instead of wire 5, 41 rev., as recorded. AW gives 9″. GZ gives 11″.
	10	48.49	2			49.67			....[14]	Mer.	129	73	
17097	9	46.61	1	18	41	50.69	31	3	20.9	Mu.	44	35[15]	
17098	9	47.48	3	18	41	54.18[16]	26	11	11.8	Mer.	102	13	[14] Decl. changed one rev. north.
	9	47.64	1			54.32			13.4	Mu.	127	21	[15] Unidentified. Looked for with equatorial but not found. Gou gives a star at $53^{s}.1$, 2′ 45″.
17099	9	46.54	1	18	42	1.99	38	7	13.2	Tr.	47	29	
17100	8	47.34	1	18	42	3.59[17]	27	19	54.4	Mer.	187	75	
	8	47.54	4			4.11			54.5	Mer.	195	71	[16] One of four threads rejected; R. A.=$53^{s}.35$.
	7.8	46.40	2			4.16			55.5	Mer.	24	30	[17] R. A. increased 30 sec.
	7	46.62	4			4.33			55.3	Mu.	45	28	
	7	47.45	3			4.35			56.2	Mu.	119	24	
	7	46.52	1			4.41[18]			54.0	Tr.	36	123	[18] R. A. increased one thread interval.
17101	7	48.62	1	18	42	5.78[19]	20	27	46.3	Tr.	184	23	[19] "Double; first observed."
	7	48.60	2			5.88[20]			49.0	Mu.	188	10	[20] R. A. decreased one thread interval.
17102	8.9	47.54	1	18	42	7.00	25	21	43.9	Mu.	123	51	
	10	48.43	2			7.23			....	Tr.	164	80	
	9	48.63	3			7.25			42.8	Mer.	139	54	
	8	46.61	2			7.37			39.5	Tr.	53	49	
17103	7	48.55	2	18	42	7.58	31	25	58.0	Mer.	134	44	
	6.7	46.58	4			7.68			56.0	Mu.	39	29	
17104	10	49.50	1	18	42	12.00	29	29	12.9	Mu.	262	38	
17105	8	46.52	2	18	42	15.65	35	47	34.0	Tr.	41	6	
17106	10	48.60	1	18	42	16.23	19	46	58.5	Mer.	137	12	
	10	48.49	2			16.35			....[21]	Tr.	169	88	[21] Decl. changed one wire interval north.
	9	48.62	1			16.58			65.4	Mu.	190	34	
	9	49.47	2			16.65			62.6	Mu.	261	86	
17107	10	48.55	2	18	42	18.30	22	11	17.6	Mu.	182	36[22]	[22] "Double." Ya gives two stars $17^{s}.9$, $18^{s}.4$, but only one Decl. for the two, 17″.
17108	10	46.46	2	18	42	21.03	32	4	....	Tr.	30	81	
17109	9	48.55	1	18	42	21.29	22	29	47.7	Mu.	181	76	
17110	9	46.46	2	18	42	22.41	41	23	54.0	Mer.	26	97	
17111	8	46.62	3	18	42	23.92	24	31	....[23]	Tr.	57	19	[23] Decl. changed one wire interval north.
	7	48.43	1			24.14			37.4	Mu.	170	73	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
17112	11	48.63	2	18	42	26.65	18	59	....	Tr.	185	29	
17113	8	47.65	2	18	42	27.64	28	22	3.0	Mu.	128	19	
	10	47.40	5			27.82[1]			3.3[2]	Mer.	189	119	[1] One of six threads rejected; R. A. = $27^{s}.00$.
17114	9	52.52	5	18	42	34.09	17	34	15.8	Tr.	282	41	[2] Decl. changed five rev. north.
17115	10	46.42	1	18	42	34.97	30	57	58.8	Tr.	25	92	
17116	10	48.60	1	18	42	38.16	19	48	33.4[3]	Mer.	137	13	[3] Decl. changed one rev. south.
	10	49.65	1			38.74			30.0	Mer.	186	39	
	9	49.47	2			38.76			31.8	Mu.	261	87	
17117	8	48.55	2	18	42	40. . .[4]	24	49	29.3	Tr.	174	69	[4] Separate threads give $41^{s}.36$, $40^{s}.34$.
	8	47.66	2			40.15			....	Mer.	104	3	
	8	48.63	2			40.22			30.4	Mu.	191	37	
	8	46.61	3			40.36			33.2	Mu.	42	36	
	9	48.54	2			40.45			29.6	Tr.	173	11	
17118	10	49.53	2	18	42	40.95	21	4	21.9	Mu.	266	81	
	10	48.55	2			41.22			23.0	Mer.	133	42	
17119	8	47.40	1	18	42	46.41	31	9	32.7	Tr.	120	72	
	6	48.55	1			46.50[5]			36.3	Mer.	134	45	[5] R. A. increased 1 min.
17120	9	46.52	2	18	42	49. . .[6]	35	12	57.5	Mu.	33	57	[6] Separate threads give $49^{s}.56$, $48^{s}.63$. Gou gives $49^{s}.3$.
17121	10	48.55	2	18	42	53.48	21	1	45.3	Mer.	133	43	
	9.10	49.53	2			53.73			51.8	Mu.	266	82	
17122	9	52.52	5	18	42	54.48	17	28	53.8	Tr.	282	42	
17123	9	46.38	1	18	42	57.20	34	43	43.7	Tr.	20	39	
17124	10	48.63	2	18	42	58.92[7]	25	31	23.2	Mer.	139	55	[7] R. A. increased 10 sec.
17125	7	46.61	3	18	43	3.40	30	54	22.6	Mu.	44	36	
	6.7	47.40	1			3.55			23.9	Tr.	120	73	
	6	46.42	2			3.71			25.8	Tr.	25	93	
	6	46.58	3			3.71			22.4	Mu.	39	30	
	7	47.46	3			3.73			24.1	Mu.	120	137	
17126	7	49.50	4	18	43	5.06	29	33	4.4	Mu.	262	39	
	6	46.61	6			5.21			1.9	Mer.	51	18	
	5	47.66	2			5.24			3.0	Tr.	126	2	
	6	46.48	4			5.24			3.7	Tr.	32	84	
17127	7	48.62	2	18	43	6.92	20	32	45.8	Tr.	184	24	
17128	6	48.55	2	18	43	7.67[8]	22	5	31.2	Mu.	182	37	[8] R. A. decreased 1 min.
	10	48.60	1			7.87			....	Tr.	182	9	
17129	9	46.69	2	18	43	7.89	39	30	....	Tr.	65	11	
17130	7.5	47.34	1	18	43	7.82	26	49	19.1[9]	Mer.	187	76	[9] Decl. changed one rev. north.
	6	48.55	3			8.24			....	Tr.	178	29	
	4	48.49	3			8.46			16.9	Mu.	176	63	
	6.7	46.52	2			8.46			15.4	Tr.	36	124	
	6.7	46.46	2			8.53			20.0	Mer.	28	58	
17131	10	49.47	1	18	43	10.61	20	15	2.2	Mu.	261	88	
17132	8	46.64	2	18	43	14.24[10]	37	26	52.9	Mu.	48	21	[10] One of three threads rejected; R. A. = $13^{s}.46$.
17133	9	46.58	7	18	43	15.68	28	54	13.0	Mer.	48	8	
17134	8	48.60	1	18	43	22.87[11]	20	22	35.1	Mu.	188	11	[11] R. A. increased one thread interval.
17135	9	46.38	1	18	43	26.64	34	47	27.9	Tr.	20	40	
17136	7.8	47.65	2	18	43	31.95	28	19	8.2	Mu.	128	20	
	8.9	46.63	4			32.09			10.5	Mer.	55	8	
	9	46.60	3			32.29[12]			....	Tr.	51	50	[12] R. A. increased one thread interval.
17137	8.9	48.55	2	18	43	36.24	22	28	34.2	Mu.	181	77	
	10	48.45	3			36.58[13]			....	Mer.	127	47	[13] R. A. decreased 1 min.
17138	10	49.47	1	18	43	36.69	20	9	24.3	Mu.	261	89	
17139	8	46.46	3	18	43	38.53	26	33	51.9	Mer.	28	59	
	10	47.48	1			38.55			56.7	Mer.	102	14	
	7	48.49	1			38.63			51.3	Mu.	176	64	
	7	47.64	3			38.85			41.0	Mu.	127	22	
	8	46.52	2			38.85			54.5[14]	Mu.	31	85	[14] Decl. changed one rev. north.
	9	47.48	3			39.11[15]			55.9	Mer.	193	24	[15] R. A. increased 2 min.
17140	7	46.66	5	18	43	41.68	36	27	48.4	Mu.	49	10	
17141	6.7	47.65	1	18	43	42.83	27	55	57.5	Mu.	128	21	
	10	47.40	3			42.90			59.0	Mer.	189	120	
	8	46.52	7			42.99			54.9	Mer.	37	26	
	9	47.54	2			43.26			60.4	Mer.	195	72	
	7	47.45	2			43.41			56.6	Mu.	119	25	
	8	46.62	3			43.80			57.0	Mu.	45	29	
	9	47.47	1			43.82			63.2	Mer.	101	34	
17142	9	48.55	1	18	43	43.16	22	34	0.4	Mu.	181	78	
17143	10	49.50	1	18	43	50.15	29	13	12.8	Mu.	262	40	
17144	7	46.46	3	18	43	56.95[16]	32	10	....	Tr.	30	82	[16] R. A. decreased one thread interval.
	4	46.46	3			57.25			2.1	Mu.	25	79	
17145	9	47.45	1	18	43	59.78	27	17	12.7	Mu.	119	26	
17146	10	48.54	1	18	44	4.14	23	32	....	Mer.	131	38	
	9	48.45	1			4.26			32.6	Mu.	171	48	
	10	48.49	3			4.34			....	Mer	129	74	
	7	48.55	2			4.54			31.8	Mer	132	64	
17147	10	48.60	1	18	44	5.88[17]	19	50	47.3	Mer.	137	14	[17] R. A. decreased 10 sec.
17148	9	48.62	2	18	44	7. . .[18]	19	17	39.5	Mu.	190	35	[18] Separate threads give $7^{s}.85$, $6^{s}.86$.
	10	49.47	2			7.59			38.5	Mu.	259	89	
	8	49.65	3			7.95			41.7	Mer.	186	40	
17149	9	46.52	2	18	44	8.02	35	54	56.9	Tr.	41	7	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
17150	8.9	46.40	3	18	44	9.94	27	37	3.6	Mer.	24	31	
17151	9	46.61	5	18	44	10.70	40	45	30.6	Mer.	49	18	
17152	10	48.55	3	18	44	11.36	24	45	34.8	Tr.	174	70	
	10	48.63	1			11.38			31.2	Mu.	191	38	
17153	9	46.58	5	18	44	14.03	28	54	53.4	Mer.	48	9	
17154	9	46.69	2	18	44	14.95	39	44	....	Tr.	65	12	
17155	10	48.45	1	18	44	17.56	24	10	6.6	Mu.	171	49	
	8	48.43	1			17.86			6.9	Mu.	170	74	
	8	46.62	2			18.02			....	Tr.	57	20	
17156	6	51.65	5	18	44	19.07	18	48	46.2	Tr.	269	1	
	9	48.63	3			19.10			....	Tr.	185	30	
17157	12	48.60	2	18	44	20. . . [1]	21	54	....	Tr.	182	10	[1] Separate threads give $19^{s}.72$, $21^{s}.06$. AW gives $20^{s}.6$. CiZ gives $20^{s}.3$.
17158	8	48.55	2	18	44	20.64 [2]	31	22	37.2	Mer.	134	46	
17159	6	51.60	5	18	44	21.50	16	33	26.4	Tr.	268	34	[2] One thread increased 10 sec.
17160	10.11	49.53	1	18	44	24.31	21	29	38.0	Mu.	266	83	
17161	8.9	46.61	4	18	44	36.94	29	15	39.8	Mer.	51	19	
	8	47.66	2			37.19			39.4	Tr.	126	3	
	8	49.50	2			37.26			39.7	Mu.	262	41	
17162	8	51.60	5	18	44	39.95	16	33	13.4	Tr.	268	35	
17163	9.10	48.55	2	18	44	41.58	21	13	46.8	Mer.	133	44	
17164	10	46.69	2	18	44	46.67	39	25	....	Tr.	65	13	
17165	9	48.62	2	18	44	53.58	20	35	20.3	Tr.	184	25	
17166	9	46.52	3	18	44	53.79	35	54	35.6	Tr.	41	8	
17167	10	48.49	2	18	44	56. . . [3]	19	58	....	Tr.	169	89	[3] Separate threads give $56^{s}.98$, $55^{s}.67$. AW gives $56^{s}.9$. CiZ gives $56^{s}.7$.
	8.9	48.60	2			56.33			30.7	Mer.	137	15	
	8.9	49.47	1			57.21			28.9	Mu.	261	90	
17168	11	46.39	5	18	44	57.70	38	45	....	Tr.	21	34	
17169	9	47.45	1	18	44	59.09	27	37	50.4	Mu.	119	27	
17170	9	46.61	2	18	44	59.80	31	18	30.1	Mu.	44	37	
	8	48.55	3			60.17			31.7	Mer.	134	47	
	9	47.40	1			60.51			31.3	Tr.	120	74	
17171	9	46.52	3	18	45	1.46	35	18	9.4	Mu.	33	58	
17172	9	46.52	4	18	45	1.57	28	0	44.2	Mer.	37	27	
	8	46.60	2			1.99			....	Tr.	52	1	
	8	47.65	1			2.01			46.2	Mu.	128	22	
17173	8	48.60	1	18	45	1.76	21	32	....	Tr.	182	11	
	6	48.55	2			2.04			17.4	Mu.	182	38	
	7	49.53	3			2.14			17.9	Mu.	266	84	
17174	9	47.70	3	18	45	2.54	30	20	2.1	Mu.	131	5	
17175	9	48.55	1	18	45	4.75	22	44	56.8	Mu.	181	79	
17176	9	46.58	5	18	45	6.64	28	53	2.6	Mer.	48	10	
	8.9	46.63	2			6.75 [4]			2.5	Mu.	47	22	[4] One of three threads rejected; R. A. = $6^{s}.01$.
	9.10	48.55	2			6.75			2.5	Mu.	183	38	
17177	5	48.54	3	18	45	6.65	22	55	....	Mer.	131	39	
	5	48.54	2			6.73			26.9	Mu.	180	15	
	7	48.55	1			6.86			29.1	Mu.	181	80	
	8.9	48.45	2			7.07			....	Mer.	127	48	
17178	8	48.55	2	18	45	10.74	24	56	59.3	Tr.	174	71	
	8	46.61	3			10.82			53.7	Mu.	42	37	
	9	48.54	2			11.05			49.7	Tr.	173	12	
	7	47.66	4			11.10			....	Mer.	104	4	
	8	48.63	1			11.72			54.8	Mu.	191	39	
17179	7	46.64	2	18	45	12.60	37	34	5.5	Mu.	48	22	
17180	9	49.53	2	18	45	13.11 [5]	21	6	42.1	Mu.	266	85	[5] Separate threads give $12^{s}.72$, $13^{s}.50$.
	10	48.55	1			13.35			43.1	Mer.	133	45	
17181	8	47.34	2	18	45	16.62 [6]	27	4	11.4 [7]	Mer.	187	77	[6] One of three threads rejected; R. A. = $13^{s}.43$.
	8.9	46.40	2			17.24			15.1	Mer.	24	32	[7] Decl. changed ten rev. south.
	7	46.52	1			17.51			11.3	Tr.	36	125	
	8	46.46	3			17.82			15.7	Mer.	28	60	
17182	9	46.61	2	18	45	19.86	24	53	27.2	Mu.	42	38	
	10	48.63	1			20.24			27.9	Mu.	191	40	
17183	8	48.55	2	18	45	21.03 [8]	23	54	0.6	Mer.	132	65	[8] One of three threads rejected; R. A = $21^{s}.84$.
17184	9	49.47	1	18	45	25.78	20	6	45.3	Mu.	261	91	
17185	9	46.38	1	18	45	39.20 [9]	34	49	40.5	Tr.	20	41	[9] R. A. increased one thread interval.
17186	9	46.46	6	18	45	40.31	41	31	58.8	Mer.	26	98	
17187	9	46.46	2	18	45	48.63	32	12	....	Tr.	30	83	
17188	10	48.55	1	18	45	52.27	28	43	48.7	Mu.	183	39	
	9	46.58	3			52.53			52.0	Mer.	48	11	
	8	46.63	2			52.69			....	Tr.	58	1	
	10	46.63	4			52.99			47.5	Mer.	55	9	
17189	8.7	46.61	3	18	45	54.95	29	23	45.6	Mer.	51	20	
	6	47.66	2			55.02			43.9	Tr.	126	4	
	7.8	49.50	3			55.04			47.4	Mu.	262	42	
17190	11	48.49	1	18	45	55.02	20	2	.... [10]	Tr.	169	90	[10] Decl. changed one rev. north.
	10	48.60	1			55.18			52.6	Mer.	137	16	
17191	2.3	47.48	1	18	45	57.39 [11]	26	28	38.4	Mer.	102	15	[11] R. A. increased 1 min.
	2.3	46.52	6			57.60			37.7	Mu.	31	86	
	2.3	47.64	4			57.70			38.3	Mu.	127	23	
	1	48.55	6			57.84 [12]			....	Tr.	178	30	[12] One of seven threads rejected; R. A. = $57^{s}.06$.
17192	9	46.61	5	18	45	58.16	40	45	57.4	Mer.	49	19	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
17193	8	48.45	1	18	46	2.60	22	51	....	Mer.	127	49	
	7	48.55	2			2.79			12.4	Mu.	181	81	
	6	48.54	3			2.89[1]			....	Mer.	131	40	[1] R. A. decreased 1 min.
	5	48.54	3			2.96			10.4	Mu.	180	16	
17194	8	48.62	2	18	46	4.16	20	28	53.2	Tr.	184	26	
	8	48.60	1			4.22			52.0	Mu.	188	12	
17195	6	51.60	5	18	46	8.61	16	34	39.6	Tr.	268	36	
17196	8	46.53	4	18	46	8.66	33	26	32.0	Mu.	36	31	
	7.8	46.53	1			8.96			32.4	Tr.	45	2	
17197	9	48.60	1	18	46	9.65	19	49	22.7	Mer.	137	17	
	8	49.65	3			10.27			11.8	Mer.	186	41	
	9	49.47	2			10.34			14.2	Mu.	261	92	
17198	8	48.60	1	18	46	18.26	20	26	28.8	Mu.	188	13	
17199	10	48.55	1	18	46	20.84	21	1	33.3	Mer.	133	46	
17200	9	46.38	1	18	46	23.80	34	29	53.0	Tr.	20	42	
17201	7	46.69	2	18	46	24.66	39	41	....	Tr.	65	14	
17202	7.8	46.54	2	18	46	24.73	44	5	....	Mer.	44	7	
17203	9.10	46.54	1	18	46	25.86[2]	44	29	....	Mer.	44	8	[2] R. A. increased 1 min.
17204	7	46.53	1	18	46	29.52	3[illegible]	27	12.7	Tr.	45	3	
	9	46.53	3			29.82			9.9	Mu.	36	32	
17205	9.10	48.62	2	18	46	29.87	19	9	40.7	Mu.	190	36	
	9	49.47	2			30.17			39.2	Mu.	259	90	
	9	49.65	1			30.47			42.7	Mer.	186	42	
	10	48.63	2			31.03			....	Tr.	185	31	
17206	6	46.64	4	18	46	29.93	37	31	43.1	Mu.	48	23	
17207	9	47.64	1	18	46	31.26	26	7	15.4	Mu.	127	24	
17208	7	47.65	2	18	46	32.44	28	18	54.9	Mu.	128	23	
	8.9	46.52	6			32.62			56.2	Mer.	37	28	
	9	46.63	2			32.70			48.5	Mer.	55	10	
	7	46.60	3			32.90			....	Tr.	52	2	
	6	46.63	2			32.91			....	Tr.	58	2	
	10	47.40	3			32.92[3]			58.0	Mer.	189	121	[3] One of four threads rejected; R. A.=$31^s.85$.
17209	10	49.47	1	18	46	34.80	19	42	28.2	Mu.	261	93	
17210	6	47.66	1	18	46	36.56	29	39	46.4	Tr.	126	5	
	7	47.70	3			36.68			45.7	Mu.	131	6	
	8	46.61	2			36.72			47.8	Mer.	51	21	
	7	47.48	2			36.84[4]			43.9	Tr.	125	34	[4] R. A. decreased 3 min.
	8	49.50	3			36.86			43.3	Mu.	262	43	
	7	46.54	3			36.95			44.9	Mu.	37	85	
17211	6	46.46	3	18	46	45.03	31	52	....	Tr.	30	84	
17212	9	46.39	4	18	46	45.26	39	6	....[5]	Tr.	21	35	[5] Decl. changed one wire interval south.
17213	8	46.52	2	18	46	46.06	35	29	19.4	Tr.	41	9	
17214	7	47.54	2	18	46	47. . .[6]	25	13	63.6	Mu.	123	52	[6] Separate threads give $47^s.64$, $46^s.72$.
	8	48.55	2			47.08			64.8	Tr.	174	72	
	9	48.54	2			47.17			61.2	Tr.	173	13	
	7	46.61	2			47.57			59.7	Mu.	42	39	
17215	10	46.52	1	18	46	47.51	27	3	19.8	Tr.	36	126	
	9	46.46	2			47.73			22.8	Mer.	28	61	
17216	9	47.66	2	18	46	48.85	24	57	....	Mer.	104	5	
17217	8.9	47.70	1	18	46	49.89	29	52	32.8	Mu.	131	7	
17218	10	48.45	1	18	46	50.67	23	56	13.8	Mu.	171	50	
	9	48.55	5			51.12			13.7[7]	Mer.	132	66	[7] Decl. changed five rev. north.
17219	7	48.55	2	18	46	51.39[8]	31	4	59.5	Mer.	134	48	[8] R. A. increased 1 min.
	10	46.42	1			51.53			55.1	Tr.	25	94	
	9	47.40	1			51.75			57.0	Tr.	120	75	
17220	6	51.60	5	18	46	52.52	16	33	14.7	Tr.	268	37	
17221	6	48.54	1	18	46	55.64	23	21	32.8	Mu.	180	17	
17222	9	46.52	1	18	46	57.13	26	53	25.7	Tr.	36	127	
17223	8.9	46.40	2	18	47	3.90	27	41	34.5	Mer.	24	33	
	8.9	47.45	1			4.70			34.9	Mu.	119	28	
17224	6	51.60	5	18	47	5.46	16	32	0.0	Tr.	268	38	
17225	10	49.50	1	18	47	5.97	29	35	7.3	Mu.	262	44	
	10	47.66	1			6.14			7.1	Tr.	126	6	
17226	9	46.46	1	18	47	6.09	32	32	25.5	Mu.	25	80	
17227	7	46.53	1	18	47	6.93	33	31	0.7	Tr.	45	4	
	7.8	46.53	2			7.01			0.4	Mu.	36	33	
17228	9	46.48	2	18	47	7.45	29	6	38.8	Mer.	32	41	
	9	46.58	4			7.50			45.7[9]	Mer.	48	12	[9] Decl. changed five rev. south.
17229	8	46.47	4	18	47	10.00	40	0	49.7	Mer.	29	2	
17230	10	47.47	2	18	47	12.21	30	12	55.9	Tr.	123	61	
17231	8.9	46.53	7	18	47	18.27	42	19	44.6	Mer.	42	57	
17232	9	46.40	1	18	47	22.44	27	25	40.3	Mer.	24	34	
	9	46.62	1			23.19			63.9[10]	Mu.	45	30	[10] If micrometer reading be assumed as 37.343 instead of 36.943 rev., as recorded, Decl = 38″.8. Gou gives 43″.
17233	7	51.65	5	18	47	26.72	18	53	54.9	Tr.	269	2	
	8	48.63	3			26.88			....	Tr.	185	32	
17234	10	48.54	1	18	47	28.72	23	19	....	Mer.	131	41	
17235	9	46.61	2	18	47	31.85	24	48	32.8	Mu.	42	40	
	7	46.62	2			31.90			....	Tr.	57	21	
	9	47.66	2			32. . .[11]			....[12]	Mer.	104	6	[11] Separate threads give $33^s.50$, $32^s.09$.
	7	48.63	3			32.12			31.3	Mu.	191	41	[12] Decl. changed one wire interval north.
	9	48.54	2			32.20			32.7	Tr.	173	14	
	7	48.43	1			32.28			34.8	Mu.	170	75	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
17236	8	47.65	2	18	47	40.45	28	18	13.7	Mu.	128	24	
	9	47.40	1			40.46			14.1	Mer.	189	122	
	7	46.63	2			40.60			....	Tr.	58	3	
	9	46.60	2			40.69			....	Tr.	52	3	
17237	9	46.54	1	18	47	43.84	38	21	8.7	Tr.	47	30	
17238	8	48.55	1	18	47	45.27	23	29	18.8	Mer.	132	67	
17239	9	48.60	2	18	47	48.71	19	49	17.3	Mer.	137	18	
	10	48.49	1			49.11			....	Tr.	169	91	
17240	10	47.40	1	18	47	53.89	31	5	6.8	Tr.	120	76	
17241	8	47.54	2	18	47	54.50[1]	25	39	14.9	Mu.	123	53	[1] Separate threads give $54^{s}.11$, $54^{s}.89$.
	10	48.43	3			55.03			....	Tr.	164	81	
	7	46.61	2			55.10			14.3	Tr.	53	50	
	8	48.63	4			55.17			16.1	Mer.	139	56	
17242	8	46.64	2	18	48	4.78	37	30	28.7	Mu.	48	24	
17243	..	47.47	1	18	48	4.51[2]	27	38	44.6	Mer.	101	35	[2] Thread assumed as $3^{s}.5$; it may be $5^{s}.5$.
	9	46.62	2			6.06			41.8	Mu.	45	31	
	8.9	46.52	5			6.12			42.0	Mer.	37	29	
	7	47.45	2			6.14			42.1	Mu.	119	29	
	8	46.40	2			6.16			41.0	Mer.	24	35	
	9	47.54	1			6.24			40.1	Mer.	195	73	
17244	8	47.45	1	18	48	7.94	27	14	44.4	Mu.	119	30	
17245	11	46.63	2	18	48	8.49	28	40	....	Tr.	58	4	
17246	8.9	46.46	4	18	48	9.21	41	15	51.3	Mer.	26	99	
17247	10	46.66	6	18	48	9.37	41	45	53.4	Mer.	56	9	
17248	8.9	47.70	1	18	48	15.57	29	53	37.2	Mu.	131	8	
17249	9	46.38	1	18	48	18.93	34	27	41.8	Tr.	20	43	
17250	9	46.46	4	18	48	23.17	41	30	25.2	Mer.	26	100	
17251	8	46.46	2	18	48	23.27	32	0	....	Tr.	30	85	
17252	6	48.62	4	18	48	25.32	20	50	45.0	Tr.	184	27	
	4	48.60	2			25.37			48.0	Mu.	188	14	
17253	8.9	46.66	1	18	48	28.39	36	4	53.5	Mu.	49	11	
17254	7	46.61	5	18	48	28.63[3]	31	0	58.7	Mu.	44	38	[3] Last two threads decreased 1 sec. each. See note on No. 17262_1.
	7	47.46	4			28.66			61.3	Mu.	120	138	
	6	46.42	2			28.73			60.2	Tr.	25	95	
	8	47.40	1			28.80			59.0	Tr.	120	77	
	6	48.55	2			29.08			58.3[4]	Mer.	134	49	[4] Decl. changed five rev. south.
17255	9	46.52	5	18	48	30.46	35	1	39.5	Mu.	33	59	
17256	7	46.46	2	18	48	33.38	32	21	59.5	Mu.	25	81	
17257	7	46.38	3	18	48	33.55	34	24	28.9	Tr.	20	44	
17258	7	46.61	2	18	48	36.13	37	17	49.2	Tr.	56	13	
	5	46.64	2			36.33			47.1	Mu.	48	25	
17259	9.10	49.53	4	18	48	39.95	21	20	32.7	Mu.	266	86	
	10	48.55	2			40.37			34.6	Mer.	133	47	
17260	11	46.61	3	18	48	40.57	25	35	43.3	Tr.	53	51	
	9	48.63	2			40.94			36.2	Mer.	139	57	
17261	9	46.53	1	18	48	41.15	33	3	17.0	Tr.	45	5	
17262	6	46.61	4	18	48	43.12[5]	31	13	37.9	Mu.	44	39	[5] Last two threads decreased 1 sec. each. See note on No. 17254_1.
	7.8	47.40	1			43.14			37.8	Tr.	120	78	
	5.6	48.55	3			43.31			37.8	Mer.	134	50	
17263	9.10	48.55	3	18	48	45.28	28	56	44.3	Mu.	183	40	
	9	46.63	2			45.39[6]			45.3	Mu.	47	23	[6] One of three threads rejected; R. A.=$47^{s}.16$.
	9	46.58	5			45.50			47.2	Mer.	48	13	
17264	7.8	49.47	4	18	48	46.53	19	20	43.5	Mu.	259	91	
	7.8	48.62	4			46.55[7]			42.9	Mu.	190	37	[7] One of five threads rejected; R. A.=$45^{s}.62$.
	6	49.65	6			46.67			43.1	Mer.	186	43	
17265	5	48.55	3	18	48	46.75[8]	21	17	54.5	Mer.	133	48	[8] One of four threads rejected; R. A.=$45^{s}.81$.
	6	49.53	4			46.75			54.1	Mu.	266	87	
17266	8	48.55	1	18	48	48.48	21	55	54.7	Mu.	182	39	
	9	48.60	2			48.56			....	Tr.	182	12	
17267	6	46.69	2	18	48	48.71	39	43	....	Tr.	65	15	
17268	7.8	46.66	5	18	48	50.80[9]	36	9	35.8	Mu.	49	12	[9] Four threads decreased 10 sec. each.
	6	46.52	2			50.97			35.2	Tr.	41	10	
17269	10	48.55	2	18	48	55.79	23	48	35.2	Mer.	132	68	
17270	9	46.52	1	18	48	56.76	27	13	7.8	Tr.	36	128	
	9.10	46.46	2			57.10			11.6	Mer.	28	62	
17271	9.10	49.47	2	18	48	57.02[10]	19	53	61.7	Mu.	261	94	[10] Separate threads give $56^{s}.66$, $57^{s}.37$.
	10	48.49	1			57.14			....	Tr.	169	92	
	9	48.60	2			57.36			59.1	Mer.	137	19	
17272	9	47.46	1	18	49	1.65	30	59	16.5	Mu.	120	139	
	9	47.40	1			1.66			12.8	Tr.	120	79	
	9	46.42	1			1.81			12.1	Tr.	25	96	
17273	10	48.60	1	18	49	1.69	20	0	57.8	Mer.	137	20	
17274	8	48.63	3	18	49	8.20	25	4	13.2	Mu.	191	42	
	7.8	48.54	3			8.31			15.8	Tr.	173	15	
	5	46.61	4			8.59			14.3	Mu.	42	41	
	7	48.55	2			8.71			14.3	Tr.	174	73	
17275	9	46.61	5	18	49	12.78	40	49	5.5	Mer.	49	20	
17276	9	48.55	1	18	49	14.99	21	46	31.3	Mu.	182	40	
17277	10	47.48	2	18	49	15.58	29	41	58.7	Tr.	125	35	
	10	47.66	1			15.77			58.2	Tr.	126	7	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
17278	7	48.60	2	18	49	16.60[1]	20	37	1.0	Mu.	188	15	[1] R. A. increased one thread interval.
	8	48.62	2			16.78			5.1	Tr	184	28	
17279	8.9	46.66	1	18	49	21.65[2]	36	6	30.3	Mu.	49	13	[2] R. A. increased 1 min. One of two threads rejected; R. A.=$33^{s}.76$.
17280	7	48.54	1	18	49	21.71	22	43	....[3]	Mer.	131	42	
	8	48.55	6			22.41			29.0	Mu.	181	82	[3] Decl. changed one rev. south.
	..	48.45	4			22.49			....	Mer.	127	50	
17281	10	49.50	3	18	49	30.01	29	15	28.9	Mu.	262	45	
17282	8.9	47.65	2	18	49	35.35	27	50	41.9	Mu.	128	25	
	7	46.60	3			35.59			....	Tr.	52	4	
	9	47.54	1			35.59			39.9	Mer.	195	74	
	9	46.52	4			35.66			39.0	Mer.	37	30	
	9	47.40	3			35.79			42.1	Mer.	189	123	
17283	9	48.55	3	18	49	39.91	28	47	20.0	Mu.	183	41	
	6	46.63	2			40.13			....	Tr.	58	5	
	9	46.58	5			40.14[4]			22.0	Mer.	48	14	[4] R. A. decreased 1 min.
	9	46.63	2			40.18[5]			18.9	Mu.	47	24	[5] Separate threads give $40^{s}.54$, $39^{s}.82$.
	9	46.63	5			40.38			18.0	Mer.	55	11	
17284	10	48.63	2	18	49	40.97	18	43	....	Tr.	185	34	
	9	48.63	1			41.16			....	Tr.	185	33	
	9	51.65	5			41.35			37.1	Tr.	269	3	
17285	8	47.54	1	18	49	43.03	25	19	43.7	Mu.	123	54	
	10	48.43	3			43.20			....	Tr.	164	82	
	10	48.55	2			43.53			46.9	Tr.	174	74	
17286	8	47.64	3	18	49	46.57	26	23	19.3	Mu.	127	25	
	9	47.48	3			46.62			21.3[6]	Mer.	102	16	[6] Decl. changed one wire interval north.
	7	48.55	3			46.69			....	Tr.	178	31	
	9	46.52	2			46.93			22.4	Mu.	31	87	
17287	7	46.38	2	18	49	49.00	34	39	60.7	Tr.	20	45	
	9	46.52	4			49.02			61.3[7]	Mu.	33	60	[7] Decl. changed five rev. north.
	9	46.70	2			49.08			55.7	Mu.	54	1	
17288	9	46.62	1	18	49	56.49	27	22	26.7	Mu.	45	32	
	8	47.45	1			57.40			25.6	Mu.	119	31	
	8.9	46.40	2			57.60			24.4	Mer.	24	36	
17289	9	46.53	2	18	49	58.23	34	8	20.7	Mu.	36	34	
17290	9	47.65	1	18	50	2.48	27	55	60.4	Mu.	128	26	
	9	46.52	2			3.38			58.6	Mer.	37	31	
17291	8	48.49	2	18	50	7..[8]	26	41	42.9	Mu.	176	65	[8] Separate threads give $8^{s}.77$, $7^{s}.45$.
	8	46.52	1			7.59			39.2	Tr.	36	129	
	9	46.46	3			7.67			42.9	Mer.	28	63	
	10	48.55	1			7.82			....	Tr.	178	32	
	8	47.64	1			7.99			42.2	Mu.	127	26	
17292	9	46.46	6	18	50	14.11	41	37	12.5	Mer.	26	101	
17293	9	49.53	2	18	50	15.89	21	25	41.1	Mu.	266	88	
	10	48.55	2			17.19[9]			40.5	Mer.	133	49	[9] Separate threads give $16^{s}.80$, $17^{s}.59$. AW and CiZ give $16^{s}.2$. Mü₁ gives $16^{s}.6$.
17294	7	46.46	1	18	50	18.17	32	30	16.0	Mu.	25	83	
17295	7	46.46	2	18	50	20.02	32	27	15.2	Mu.	25	82	
17296	7.8	47.54	1	18	50	23.66	25	37	38.0	Mu.	123	55	
	8	46.61	2			23.72			38.3	Tr.	53	52	
	9	48.63	3			23.99			38.0	Mer.	139	58	
17297	9	48.54	1	18	50	24.11	23	27	50.6	Mu.	180	18	
	8	48.67	1			24.25			51.5	Mer.	148	1	
	9	48.49	2			24.46[10]			....	Mer.	129	75	[10] R. A. increased 10 sec.
	8	48.45	2			24.60			45.5	Mu.	171	51	
	7	48.55	3			24.64			47.0	Mer.	132	69	
17298	8	46.69	2	18	50	25.55	39	46	....	Tr.	65	16	
17299	9	46.53	1	18	50	31.03	33	4	29.1	Tr.	45	6	
17300	7.8	49.47	3	18	50	33.89	19	28	34.8	Mu.	259	92	
	7.8	48.62	5			34.24			35.6	Mu.	190	38	
	6	49.65	7			34.38			36.0	Mer.	186	44	
17301	5	46.63	1	18	50	34.53	28	14	....	Tr.	58	6	
	9	46.63	2			34.55			62.9	Mer.	55	12	
	7.8	47.65	2			34.66			58.9	Mu.	128	27	
	6	46.60	3			34.82			....	Tr.	52	5	
	8.9	46.52	1			34.85			59.3	Mer.	37	32	
	8	47.40	4			34.85			62.4	Mer.	189	124	
17302	8	48.55	1	18	50	35.49[11]	22	1	36.8	Mu.	182	41	[11] R. A. decreased one thread interval.
	10	48.60	1			36.36			....	Tr.	182	13	
17303	9	48.55	3	18	50	35.55	28	54	3.0	Mu.	183	42	
	9	46.48	3			35.62[12]			3.2	Mer.	32	42	[12] One of four threads rejected; R. A.=$34^{s}.74$.
	8.9	46.58	3			36.06			5.8	Mer.	48	15	
17304	10	48.55	1	18	50	37.41	31	1	5.1	Mer.	134	51	
17305	8	48.63	3	18	50	40.02[13]	18	45	....[14]	Tr.	185	35	[13] Two threads increased 5 sec. each.
17306	8	46.46	1	18	50	40.44	32	26	22.1	Mu.	25	84	[14] Decl. changed one rev. north.
17307	9	46.46	2	18	50	47.09	32	19	....	Tr.	30	86	
17308	10	46.52	2	18	50	54.17	35	56	2.4	Tr.	41	11	
17309	7	46.64	5	18	50	54.83	37	15	40.6	Mu.	48	26	
	7	46.61	2			54.85			43.2	Tr.	56	14	
17310	6.7	46.61	1	18	50	55.97	37	15	46.3	Tr.	56	15	
	7	46.64	5			55.99			44.3	Mu.	48	27	
17311	8	47.64	2	18	50	58.36	26	22	55.4	Mu.	127	27	
	8	46.52	2			58.83			60.0	Mu.	31	88	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
17312	8	48.67	1	18	50	59.82	23	15	30.4	Mer.	148	2	
17313	6	51.60	5	18	51	0.91	16	18	27.5	Tr.	268	39	
17314	9	51.65	5	18	51	3.45	18	38	7.3	Tr.	269	4	
17315	9	46.52	3	18	51	9.06[1]	27	50	43.1	Mer.	37	33	[1] Two threads decreased 10 sec. each.
	9	47.54	1			9.10[2]			49.2	Mer.	195	75	[2] R. A. increased 1 min.
	8	47.45	1			9.24			47.6	Mu.	119	32	
	7.8	47.65	1			9.41			45.0	Mu.	128	28	
17316	9	49.47	1	18	51	10.74	19	30	12.0	Mu.	259	93	
	9.10	48.62	1			11.46			14.2	Mu.	190	39	
17317	7.8	46.53	2	18	51	10.83[3]	33	26	1.7	Mu.	36	35	[3] R. A. increased 1 min.
	7.8	46.53	1			10.92			3.5	Tr.	45	7	
17318	7.8	48.54	2	18	51	12.20	25	8	38.9	Tr.	173	16	
	7	48.55	2			12.31			45.6	Tr.	174	75	
	7	47.66	4			12.32			....	Mer.	104	7	
	5	46.61	4			12.56			42.9	Mu.	42	42	
	7	48.63	4			12.57			42.7	Mu.	191	43	
17319	9	46.52	1	18	51	23.89	26	52	19.6	Tr.	36	130	
17320	9	46.61	1	18	51	31.45	37	5	35.3	Tr.	56	16	
17321	8.7	46.66	6	18	51	32.07	42	6	55.8	Mer.	56	10	
	8	46.53	5			32.29			56.4	Mer.	42	58	
17322	9	46.70	3	18	51	32.12	34	42	26.4	Mu.	54	2	
	7	46.38	1			32.19			27.2	Tr.	20	46	
	9	46.52	2			32.26			23.7	Mu.	33	61	
17323	10	48.54	1	18	51	32.71	23	4	....	Mer.	131	43	
	8	48.67	1			32.88[4]			20.2	Mer.	148	3	[4] R. A. decreased one thread interval.
17324	8.9	46.61	5	18	51	33.20	40	52	1.0	Mer.	49	21	
17325	9	48.55	1	18	51	33.49	23	28	36.3	Mer.	132	70	
17326	8	46.38	1	18	51	34.08	34	34	45.1	Tr.	20	47	
17327	9	48.55	2	18	51	37.96	28	54	48.0	Mu.	183	43	
	8.9	46.58	3			38.13[5]			49.4	Mer.	48	16	[5] R. A. decreased 10 sec.
	8	47.65	2			38.22			48.9	Mer.	199	1	
	9	46.62	2			38.22			49.6	Mer.	52	1	
	9	46.63	2			38.35			48.8	Mu.	47	25	
17328	10	48.43	2	18	51	43.97	25	55	....	Tr.	164	83	
	8	46.61	2			44.23			38.3	Tr.	53	53	
	9	48.63	2			44.29			31.3	Mer.	139	59	
17329	7	46.52	2	18	51	44.17	36	4	24.6	Tr.	41	12	
	7	46.66	4			44.34			20.4	Mu.	49	14	
17330	9	48.62	2	18	51	44.49	20	49	30.4	Tr.	184	29	
17331	9	48.60	2	18	51	45.11	19	51	38.9	Mer.	137	21	
	8	49.47	4			45.22			38.1	Mu.	261	95	
	9	48.49	2			45.30			....	Tr.	169	93	
17332	10	48.49	1	18	51	45.46	23	29	....	Mer.	129	76	
	..	48.55	2			45.82			30.4	Mer.	132	71	
17333	9	46.69	2	18	51	45.61	39	29	....	Tr.	65	17	
17334	9.10	48.55	2	18	51	51.16[6]	29	1	28.9	Mu.	183	44	[6] One thread assumed as $0^{s}.8$ instead of $8^{s}.0$. AW gives $52^{s}.6$. Gou gives $52^{s}.4$.
	9	46.58	2			52.31[7]			32.4	Mer.	48	17	
17335	8	47.45	1	18	51	52.98	27	45	17.5	Mu.	119	33	[7] One of three threads rejected; R. A.=$53^{s}.34$.
	8.9	46.40	3			54.04			23.4	Mer.	24	37	
17336	9	46.46	6	18	51	53.13	41	28	31.9	Mer.	26	102	
17337	10	47.66	1	18	52	0.13	29	19	53.5	Tr.	126	8	
17338	8	46.46	2	18	52	6.93	32	48	14.2	Mu.	25	85	
17339	10	48.60	2	18	52	13.28	20	5	32.2	Mer.	137	22	
	9	49.47	2			13.91			24.8	Mu.	261	96	
17340	9	48.55	2	18	52	13.70	31	41	22.1	Mer.	134	52	
17341	9	48.62	1	18	52	14.92	19	33	9.5	Mu.	190	40	
	8	49.65	5			15.22			4.7	Mer.	186	45	
	9	49.47	1			15.37			6.2	Mu.	259	94	
17342	9	48.49	1	18	52	18.24	23	25	....	Mer.	129	77	
	7	48.45	2			18.86			57.0	Mu.	171	52	
	8	48.54	1			18.95			62.9[8]	Mu.	180	19	[8] Decl. changed five rev. north.
	8	48.67	1			19.25			63.3	Mer.	148	4	
17343	6	51.60	5	18	52	20.69	16	25	4.8	Tr.	268	40	
17344	9	46.46	2	18	52	24.48	32	23	....	Tr.	30	87	
17345	10	47.48	2	18	52	24.70[9]	26	12	35.4	Mer.	102	17	[9] R. A. decreased 1 min.
	8	46.52	4			25.09			37.4	Mu.	31	89	
	9.8	47.64	2			25.18			40.4	Mu.	127	28	
17346	10	46.63	1	18	52	27.83	28	31	....	Tr.	58	7	
17347	6	46.53	6	18	52	28.98	42	18	5.0	Mer.	42	59	
17348	9	48.54	3	18	52	34.72	22	54	....	Mer.	131	44	
	7.8	48.55	5			34.98			4.7	Mu.	181	83	
	7	48.54	2			35.06			5.7	Mu.	180	20	
	5	48.67	1			35.12			7.7	Mer.	148	5	
17349	8	46.52	2	18	52	36.87	34	50	19.9	Mu.	33	62	
	8	46.70	4			36.95			22.5	Mu.	54	3	
	7	46.38	1			37.09			16.4	Tr.	20	48	
17350	7	46.66	4	18	52	39.46[10]	36	18	1.7[11]	Mu.	49	15	[10] R. A. increased 1 min.
17351	8.9	46.61	5	18	52	44.41	31	8	43.1	Mu.	44	40	[11] If micrometer reading be assumed as 31.334 instead of 31.534 rev., as recorded, Decl.= 14″.3. Gou gives 16″. GZ gives 15″.
	8	47.40	1			44.45			40.6	Tr.	120	80	
	8	48.55	2			44.49			43.3	Mer.	134	53	
	9	46.42	2			44.69			43.8	Tr.	25	97	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES
		1800+		h	m	s	°	′	″				
17352	9.10	49.47	1	18	52	45.62	20	1	61.9[1]	Mu.	261	97	[1] If micrometer reading be assumed as 31.981 instead of 31.581 rev., as recorded, Decl.= 36″.7. AW gives 37″.
17353	8.9	46.63	1	18	52	45.82	28	51	14.4	Mu.	47	26	
	8	47.65	1			46.38			14.3	Mer.	199	2	
	9	46.58	3			46.57			14.8	Mer.	48	18	
	9	46.62	4			46.58			15.1	Mer.	52	2	
	9	48.55	1			46.74[2]			15.4	Mu.	183	46	[2] R. A. decreased 1 min.
17354	9	46.61	4	18	52	48.93	29	32	55.4	Mer.	51	22	
	7	47.48	3			49.00[3]			57.0	Tr.	125	36	[3] Minute assumed.
	7	47.66	2			49.08			52.9	Tr.	126	9	
	11	46.48	1			49.09			59.0	Tr.	32	85	
	8.9	49.50	4			49.19[4]			52.9	Mu.	262	46	[4] R. A. increased 1 min.
17355	6	51.60	5	18	52	50.72	16	20	34.9	Tr.	268	41	
17356	9.10	49.53	2	18	52	52. . .[5]	21	8	31.3	Mu.	266	89	[5] Separate threads give $52^{s}.53$, $51^{s}.47$.
	10	48.55	3			52.44			29.3	Mer.	133	50	
17357	10	48.60	2	18	52	59.05	22	18	. . . .	Tr.	182	14	
	10	48.55	1			59.09			0.8	Mu.	181	84	
	10	48.55	1			59.61			2.9	Mu.	182	42	
17358	6 5	46.54	2	18	53	3.02	38	27	52.0	Tr.	47	31	
	6	46.39	4			3.24			. . . .	Tr.	21	36	
17359	3	47.47	4	18	53	3.71	30	5	19.1[6]	Tr.	123	62	[6] Decl. changed one wire interval north.
	8	47.44	3			3.72			19.9	Mer.	190	146	
	1.2	46.54	4			3.90			17.5	Mu.	37	86	
	3.4	47.70	6			3.95			19.2	Mu.	131	9	
17360	8.9	46.63	2	18	53	4.50[7]	28	50	55.6	Mu.	47	27	[7] One of three threads rejected; R. A.=$5^{s}.33$.
	9	46.48	5			4.56			56.6	Mer.	32	43	
	9	46.62	2			4.56[8]			57.3	Mer.	52	3	[8] R. A. decreased one thread interval.
	8.9	46.58	4			4.93			60.6	Mer.	48	19	
	7	46.63	2			4.99			. . . .	Tr.	58	8	
	9	48.55	2			5.07			55.6	Mu.	183	45	
	8	47.65	2			5.14			55.3	Mer.	199	3	
17361	. .	48.55	2	18	53	7.48	23	54	6.7	Mer.	132	72	
17362	9	46.52	1	18	53	8.83	25	53	49.0	Mu.	31	90	
	10	48.43	2			9.14			. . . .	Tr.	164	84	
	7.8	47.54	3			9.28			50.3	Mu.	123	56	
	8	48.63	3			9.32			48.2	Mer.	139	60	
	7	46.61	2			9.36			51.8	Tr.	53	54	
	7.8	47.64	1			9.42			48.8	Mu.	127	29	
17363	9	48.62	2	18	53	10.31	20	33	56.6	Tr.	184	30	
17364	8	46.69	2	18	53	15.21	39	39	. . . .[9]	Tr.	65	18	[9] Decl. changed one rev. south.
17365	8	46.53	1	18	53	16.07	32	57	17.7	Tr.	45	8	
	7	46.46	1			16.17			20.2	Mu.	25	86	
17366	7	47.66	4	18	53	16.65	25	2	. . . .	Mer.	104	8	
	4	46.61	4			16.65			52.7	Mu.	42	43	
	4	48.55	2			16.88			55.8	Tr.	174	76	
	6.7	48.63	4			16.89			52.6	Mu.	191	44	
17367	9	47.46	1	18	53	20.72	30	33	18.4	Mu.	120	140	
	9	46.42	1			20.97[10]			19.0	Tr.	25	98	[10] R. A. increased 1 min.
17368	9	46.61	2	18	53	23.15	40	27	44.8	Mer.	49	22	
17369	9	48.63	2	18	53	23.20[11]	18	35	. . . .	Tr.	185	36	[11] R. A. decreased 1 min.
17370	10	48.63	1	18	53	27.36	25	44	26.2	Mer.	139	61	
17371	9.10	48.49	1	18	53	31.34	23	47	. . . .	Mer.	129	78	
	7	48.55	1			31.52			21.5	Mer.	132	73	
17372	8	47.54	1	18	53	32.75	25	18	51.6	Mu.	123	57	
17373	7	48.43	1	18	53	33.31	24	34	27.0	Mu.	170	76	
	8	46.62	1			33.77			. . . .	Tr.	57	22	
17374	11	48.55	1	18	53	35.06	26	33	. . . .	Tr.	178	33	
17375	8	46.69	2	18	53	37.63	39	49	. . . .	Tr.	65	19	
17376	9	47.54	3	18	53	38.38	27	33	50.2	Mer.	195	76	
	8.9	46.40	3			38.43			53.4	Mer.	24	38	
	8	47.45	2			38.68			49.5	Mu.	119	34	
	9	46.62	1			39.01			49.0	Mu.	45	33	
17377	9	47.54	1	18	53	40.36	27	20	19.5[12]	Mer.	195	77	[12] If micrometer reading be assumed as 37.50 instead of 37.30 rev., as recorded, Decl.= 12″.6. GZ gives 12″.
17378	8.9	46.70	2	18	53	41.56	35	6	44.5	Mu.	54	4	
17379	8	48.62	1	18	53	48.05	20	37	13.7[13]	Tr.	184	31	
	8	48.60	2			48.22[14]			10.0	Mu.	188	16	[13] Decl. changed one rev. north.
17380	9	47.40	1	18	53	53.41	30	57	43.2	Tr.	120	81	[14] Separate threads give $48^{s}.57$, $47^{s}.86$.
17381	9	48.60	1	18	54	0.55	19	37	9.5[15]	Mer.	137	23	[15] Decl. changed one wire interval south to agree with original record.
17382	9	47.70	1	18	54	1.84	29	49	32.4	Mu.	131	10	
	9.10	49.50	2			1.85			36.1	Mu.	262	47	
	8	47.48	2			1.92			33.0	Tr.	125	37	
17383	9	46.46	4	18	54	3.40	41	29	28.6	Mer.	26	103	
17384	10	46.46	2	18	54	5.31	31	51	. . . .	Tr.	30	88	
17385	9	47.64	1	18	54	8.98	26	10	40.3	Mu.	127	30	
17386	9	46.38	1	18	54	10.93	34	35	4.8	Tr.	20	49	
17387	9	48.60	1	18	54	12.02[16]	20	56	9.6	Mu.	188	17	[16] R. A. increased one thread interval.
	9	49.53	3			12.17			8.5	Mu.	266	90	
17388	10	48.60	1	18	54	13.59[17]	19	40	38.1	Mer.	137	24	[17] An equatorial comparison with Gou 26063 gives $15^{s}.3$, 40″.
	9	48.49	2			15.10			. . . .[18]	Tr.	169	94	
17389	8	48.62	2	18	54	14.45	19	27	. . . .	Tr.	183	1	[18] Decl. changed eight rev. south.
	7	49.47	2			14.61			23.1	Mu.	259	95	
	6	49.65	5			14.72			23.9	Mer.	186	46	
	7	48.62	3			14.92[19]			24.0	Mu.	190	41	[19] One of four threads rejected; R. A.=$14^{s}.05$.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
17390	10	46.52	2	18	54	15.83	35	34	47.3	Tr.	41	13	
17391	6	51.60	5	18	54	17.97	16	11	56.8	Tr.	268	42	
17392	7	49.47	2	18	54	17.92	19	18	52.7	Mu.	259	96	
	6	49.65	3			18.01			52.4	Mer.	186	47	
	7	48.62	4			18.45			51.2	Mu.	190	42	
17393	8	47.65	2	18	54	23.58	27	55	47.2	Mu.	128	29	
	9	46.52	5			23.65			43.8	Mer.	37	34	
	8	46.60	2			23.72			....	Tr.	52	6	
17394	8	46.61	1	18	54	30.28	25	22	36.0	Tr.	53	55	
17395	10	48.63	1	18	54	32.83	24	46	46.5	Mu.	191	45	
17396	9.10	49.53	1	18	54	33.51	21	13	11.0	Mu.	266	91	
	10	48.55	2			34.25			12.7	Mer.	133	51	
17397	10	49.47	2	18	54	35.98	19	43	39.9	Mu.	261	98	
17398	8	46.61	1	18	54	37.75	37	3	30.1[1]	Tr.	56	17	[1] Decl. changed two rev. north.
17399	10	48.49	1	18	54	39.33	24	8	....	Mer.	129	79	
	8	48.55	1			39.79			44.6	Mer.	132	74	
	8	48.43	1			39.89			46.9	Mu.	170	77	
17400	10	48.54	2	18	54	41.47[2]	22	55	....	Mer.	131	45	[2] One thread increased 10 sec.
	7	48.67	1			41.49			28.0	Mer.	148	6	
17401	9	51.65	5	18	54	45.65	19	1	8.2	Tr.	269	5	
	8	48.63	3			45.86			....	Tr.	185	37	
17402	9.8	46.54	1	18	54	46.85	38	10	37.0	Tr.	47	32	
17403	6	46.61	7	18	54	46.88	31	15	39.8	Mu.	44	41	
	4	48.55	7			46.89			40.3	Mer.	134	54	
	6.5	47.40	2			46.94			38.6	Tr.	120	82	
17404	10	46.38	1	18	54	56.90	34	33	45.2	Tr.	20	50	
17405	9.10	49.53	1	18	54	57.78	20	53	53.2	Mu.	266	92	
17406	8.9	47.54	1	18	54	59.83	25	19	49.0	Mu.	123	58	
17407	10	47.66	1	18	55	2.09	29	30	15.2	Tr.	126	10	
17408	9	46.53	1	18	55	6.06	33	23	12.0	Tr.	45	9	
17409	9	47.40	1	18	55	7.56	31	9	51.8	Tr.	120	83	
	9	48.55	2			7.63			53.5	Mer.	134	55	
17410	8	46.69	2	18	55	9. . .[3]	39	48	....	Tr.	65	20	[3] Separate threads give $10^s.28$, $9^s.28$. Gou gives $9^s.7$.
17411	8.9	48.67	1	18	55	10.23	22	46	31.3	Tr.	192	1	
	10	48.55	2			10.30			29.9	Mu.	181	85	
17412	9	48.54	3	18	55	10.66	23	6	....	Mer.	131	46	
	7	48.67	2			10.85			40.4	Mer.	148	7[4]	[4] "Second of double."
	8	48.54	2			11.26			43.8	Mu.	180	21	
17413	9	46.61	2	18	55	11.93	29	4	37.8	Mer.	51	23	
	9	46.62	3			12.25			43.4	Mer.	52	4	
	9.10	48.55	2			12.31			41.5	Mu.	183	47	
	8	47.65	1			12.78			40.2	Mer.	199	4	
17414	8	51.60	5	18	55	13.09	16	13	4.6	Tr.	268	43	
17415	10	48.55	1	18	55	14.89	21	0	53.1	Mer.	133	52	
	9	49.53	1			15.53			56.0	Mu.	266	93	
17416	8.9	47.45	1	18	55	17.61	27	20	45.4	Mu.	119	35	
17417	10	47.47	2	18	55	18.36	29	56	21.4	Tr.	123	63	
	9	47.70	1			18.49			30.7	Mu.	131	11	
17418	9	48.60	2	18	55	21.74	21	44	....[5]	Tr.	182	15	[5] Decl. changed one rev. south.
	8	48.55	2			22.01			43.7	Mu.	182	43	
17419	8.9	46.66	3	18	55	21.81	36	23	17.9	Mu.	49	16	
17420	8	48.62	2	18	55	25.67	20	21	22.8	Tr.	184	32	
	9	48.60	1			25.85[6]			29.5[7]	Mu.	188	18	[6] R. A. increased one thread interval.
	9	49.47	2			26.05			29.7	Mu.	261	99	[7] Decl. changed one rev. south.
17421	9	46.53	1	18	55	31.31	33	14	4.5	Tr.	45	10	
17422	5	46.61	2	18	55	32.88	25	26	51.0	Tr.	53	56	
	5	46.61	2			33.07			50.8	Mu.	42	44	
	7	47.54	2			33.11			48.6	Mu.	123	59	
	8	48.63	4			33.12			49.1	Mer.	139	62	
	7.8	48.43	2			33.23[8]			....	Tr.	164	85	[8] One of three threads rejected; R. A.=$30^s.19$.
17423	9	46.61	1	18	55	37.58	25	1	60.0	Mu.	42	45	
	10	48.55	2			37.79[9]			58.1[10]	Tr.	174	77	[9] R. A. increased 1 min. One of three threads rejected; R. A.=$40^s.31$.
	8	47.66	1			37.86			....	Mer.	104	9	
17424	8	46.52	2	18	55	38.04	35	35	14.3	Tr.	41	14	[10] Decl. changed one rev. north.
17425	9	46.46	3	18	55	39.16	32	37	33.1	Mu.	25	87	
17426	9	47.54	2	18	55	40.32	27	44	13.4	Mer.	195	78	
	8	47.45	1			40.41			12.4	Mu.	119	36	
	8	46.40	4			41.15			17.0	Mer.	24	39	
17427	4	48.60	2	18	55	41.29[11]	21	57	....	Tr.	182	16	[11] One thread decreased one thread interval.
	2	48.55	3			41.33			21.2	Mu.	182	44	
17428	10	48.55	1	18	55	43.09	21	13	43.6	Mer.	133	53	
17429	7.8	46.53	3	18	55	48.02	34	0	10.0	Mu.	36	36	
17430	9	46.61	1	18	55	48.74	24	53	5.5	Mu.	42	46	
	9	48.54	1			49.52			7.0	Tr.	173	17	
	9	48.63	1			49.74			4.5	Mu.	191	46	
17431	6	46.63	2	18	55	50.67	28	19	....	Tr.	58	9	
	8	47.65	1			50.78			43.6	Mu.	128	30	
	9	46.60	2			50.81			....	Tr.	52	7	
17432	9	49.50	2	18	55	52.80	29	25	37.6	Mu.	262	48	
	10	47.66	2			53.13			33.6	Tr.	126	11	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
17433	8.9	46.66	2	18	55	53.50	36	24	52.2	Mu.	49	17	
17434	7	46.52	3	18	55	54.87	26	21	25.2	Mu.	31	91	
	7	47.64	2			54.94			24.4	Mu	127	31	
	8	48.55	3			54.95			....	Tr.	178	34	
17435	7	47.66	2	18	55	56.13[1]	25	8	....	Mer.	104	10	[1] R. A. decreased 1 min.
	10	48.55	2			56.42[2]			7.6	Tr.	174	78	[2] One of three threads rejected; R. A $=55^{s}.30$.
17436	9	46.52	1	18	55	58.22	35	48	58.2	Tr.	41	15	
17437	9	51.65	5	18	56	0.95	18	55	31.5	Tr.	269	6	
	9	51.65	5			1.08			29.8	Tr.	269	7	
	10	48.63	2			1.41			....	Tr.	185	38	
17438	9	46.46	2	18	56	7.07	31	57	....[3]	Tr.	30	89	[3] Decl. changed one wire interval south.
17439	8	49.53	2	18	56	8.12[4]	21	9	52.5	Mu.	266	94	[4] Separate threads give $7^{s}.72$, $8^{s}.51$.
	9	48.55	1			8.25[5]			49.7	Mer.	133	54	[5] R. A. increased one thread interval.
17440	9	47.65	1	18	56	10.78	28	21	56.8	Mu.	128	31	
	10	46.60	2			10.87			....	Tr.	52	8	
17441	8	46.66	6	18	56	12.26	41	45	40.5	Mer.	56	11	
17442	5	46.61	2	18	56	16.45	37	16	19.9	Tr.	56	18	
	3	46.64	4			16.63			18.4	Mu.	48	28	
17443	9	48.55	2	18	56	17...[6]	23	47	46.0	Mer.	132	75	[6] Separate threads give $16^{s}.77$, $17^{s}.64$. AW gives $17^{s}.3$.
17444	7	47.66	2	18	56	17.65	29	17	61.1	Tr.	126	12	
	7	47.48	2			17.71			60.0	Tr.	125	38	
	8	46.48	7			17.80			64.4	Mer.	32	44	
	7.8	46.62	5			17.80			67.1	Mer.	52	5	
	7.8	46.61	4			17.86			59.6	Mer.	51	24	
	8	46.48	2			17.93			65.1	Tr.	32	86	
	7.8	49.50	3			17.93			63.8	Mu.	262	49	
	7	47.71	2			18.12			63.3	Mu.	132	1	
17445	9	46.54	1	18	56	18.62	38	20	48.9	Tr.	47	33	
17446	9	48.49	1	18	56	20.11	19	54	....	Tr.	169	95	
	10	48.60	1			20.82			18.5	Mer.	137	25	
17447	9	46.53	1	18	56	21.01	33	13	37.6	Tr.	45	11	
17448	8	48.49	2	18	56	25.79	26	51	37.4	Mu.	176	66	
	9	46.52	1			26.39			33.8	Tr.	36	131	
17449	10	46.62	1	18	56	26.84	24	28	....	Tr.	57	23	
17450	8	48.63	2	18	56	27.06	24	53	40.8	Mu.	191	47	
	8.9	48.54	1			27.13			39.1	Tr.	173	18	
	5	46.61	1			27.23			43.4	Mu.	42	47	
17451	7	46.46	2	18	56	28.74	31	54	....	Tr.	30	90	
17452	8	51.60	5	18	56	35.24	16	31	38.0	Tr.	268	44	
17453	10	48.55	1	18	56	36.90	31	13	44.3	Mer.	134	56	
17454	6.7	46.54	1	18	56	43.46	38	1	5.4	Tr.	47	34	
	5	46.64	1			43.87			5.3	Mu.	48	29	
17455	8	47.64	1	18	56	47.64	26	28	7.6	Mu.	127	32	
	10	48.55	2			48.40			....	Tr.	178	35	
17456	9	46.69	2	18	56	50.44	39	21	....	Tr.	65	21	
17457	9	49.53	2	18	56	50.82	21	8	14.8	Mu.	266	95	
	10	48.55	1			52.28[7]			18.7[8]	Mer.	133	55	[7] R. A. increased one thread interval. [8] Decl. changed one wire interval south.
17458	8	47.47	4	18	56	57.87[9]	27	30	33.3	Mer.	101	36	[9] R. A. decreased 1 min. One of five threads rejected; R. A.$=58^{s}.75$.
	7	47.45	2			57.97[10]			29.6	Mu.	119	37	
	7.8	46.40	3			58.15			27.4	Mer.	24	40	
	7.8	46.62	4			58.16			31.5	Mu.	45	34	[10] R. A. increased one thread interval.
	..	47.54	2			58.23			31.1	Mer.	195	79	
17459	10	48.54	2	18	56	58...[11]	23	4	....	Mer.	131	47	[11] Separate threads give $57^{s}.56$, $58^{s}.60$.
	8	48.67	3			58.04			3.3	Mer.	148	8	
17460	8	46.63	2	18	57	6.19	28	51	....	Tr.	58	10	
	9	47.65	4			6.53			8.4	Mer.	199	5	
17461	9	49.47	2	18	57	7.75	19	42	9.0	Mu.	259	97	
	9	48.60	1			7.69			6.1	Mer.	137	26	
	9.10	48.62	3			8.00			11.3[12]	Mu.	190	43	[12] Decl. changed five rev. north.
	9	48.62	2			8.03			....	Tr.	183	2	
	9	49.47	3			8.34			11.5	Mu.	261	100	
17462	10	48.55	1	18	57	12.24[13]	21	15	34.2[14]	Mer.	133	56[15]	[13] R. A. increased one thread interval.
17463	8	46.61	2	18	57	15.73	26	2	26.4	Tr.	53	57	[14] Decl. changed two wire intervals and two rev. north.
17464	10	48.63	2	18	57	17.28	18	23	....	Tr.	185	39	
17465	10	48.54	1	18	57	18.63[16]	22	49	....	Mer.	131	48	[15] If Decl. be not changed, and R. A. be increased $1^{m}50^{s}$ instead of one thread interval, R. A.$=58^{m}\ 50^{s}.43$ and Decl.$=28'\ 23''.8$ agreeing with No. 17509.
	10	48.54	1			18.97			17.1	Mu.	180	22	
	9.10	48.55	3			19.42			20.4	Mu.	181	86	
	9	48.67	1			19.56			22.7	Tr.	192	2	
17466	11	46.52	2	18	57	18.77	35	50	36.0	Tr.	41	16	[16] R. A. decreased one thread interval.
17467	9	46.54	2	18	57	21.98	30	10	40.0	Mu.	37	87	
	8	47.70	1			22.40			40.5	Mu.	131	12	
17468	6	48.55	3	18	57	27.76	23	28	36.5	Mer.	132	76	
	6	48.45	1			27.86[17]			32.4	Mu.	171	53	[17] R. A. increased one thread interval.
	8	48.67	2			27.87			36.6	Mer.	148	9	
	10	48.49	3			28.07			....	Mer.	129	80	
17469	4.5	46.52	7	18	57	33.86	27	52	58.9	Mer.	37	35	
	4.5	47.65	3			34.24			61.6	Mu.	128	32	
	5	46.71	5			34.30			59.4	Mer.	63	1	
	3	47.54	3			34.38			63.5	Mer	195	80	
	3	47.45	2			34.54			62.1	Mu.	119	38	
	3.4	46.62	2			34.85			63.2	Mu	45	35	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
17470	9	48.63	3	18	57	36.01[1]	25	56	36.5	Mer.	139	63	[1] R. A. increased 20 sec.
17471	8.9	47.71	1	18	57	37.19	29	23	6.4	Mu.	132	2	
	9	46.61	3			37.21			1.9	Mer.	51	25	
	9	49.50	3			37.31			5.5	Mu.	262	50	
	9	47.66	1			37.32			4.3	Tr.	126	13	
17472	9	46.54	2	18	57	39.31	30	10	13.3	Mu.	37	88	
	8	47.47	2			39.35[2]			15.1	Tr.	123	64	[2] Separate threads give $38^{\mathrm{s}}.99$, $39^{\mathrm{s}}.71$.
	8	47.70	1			39.95			13.2	Mu.	131	13	
17473	9	47.46	1	18	57	39.66	30	23	5.2	Mu.	120	141	
	7	47.70	1			39.73[3]			8.4	Mu.	131	14	[3] R. A. decreased 10 sec.
17474	10	48.49	1	18	57	43.65	19	52	....	Tr.	169	96	
17475	9	46.62	2	18	57	43.91	24	25	....	Tr.	57	24	
	8	48.43	2			43.99			10.7	Mu.	170	78	
17476	9	47.65	1	18	57	49.54	28	52	21.8	Mer.	199	6	
	9	48.55	2			50. . .[4]			23.5	Mu.	183	48	[4] Separate threads give $50^{\mathrm{s}}.12$, $50^{\mathrm{s}}.92$.
17477	9	47.40	1	18	57	51.96	31	0	38.5	Tr.	120	84	
17478	5.6	46.61	4	18	57	53.78	40	43	21.2	Mer.	49	23	
	6	46.47	6			54.15			23.1	Mer.	29	3	
17479	8	48.55	1	18	57	54.39[5]	25	6	27.4	Tr.	174	79	[5] AW gives $55^{\mathrm{s}}.7$. Gou gives $56^{\mathrm{s}}.0$.
	8	48.54	1			56.27			36.9	Tr.	173	19	
17480	8	46.46	3	18	57	56.31	31	53	....	Tr.	30	91	
17481	8	48.55	5	18	57	57.05	22	43	19.2	Mu.	181	87	
	10	48.45	3			57.58			....	Mer.	127	51	
17482	6	47.65	3	18	58	2.90	28	51	42.4	Mer.	199	7	
	5	46.48	4			3.62			45.7	Mu.	27	64	
	6.7	46.63	4			3.73			44.5	Mu.	47	28	
	7	46.62	5			3.84			45.1	Mer.	52	6	
	4	46.63	3			3.84			....	Tr.	58	11	
	7.8	48.55	4			3.94			44.6	Mu.	183	49	
	7	46.48	7			3.94			44.9	Mer.	32	45	
17483	9	49.53	1	18	58	3.85	21	39	4.6	Mu.	266	96	
	9	48.55	1			3.99			3.3	Mu.	182	45	
17484	8	46.46	1	18	58	4.45	32	48	17.2	Mu.	25	88	
17485	8	46.61	2	18	58	5.21	24	44	57.2	Mu.	42	48	
	9	48.63	1			5.34			57.9	Mu.	191	48	
17486	9	48.55	3	18	58	7.63	24	5	29.1	Mer.	132	77	
17487	9	48.62	2	18	58	8.53[6]	20	12	33.6[7]	Mu.	189	1	[6] One of three threads rejected; R. A. $=7^{\mathrm{s}}.37$.
	9.10	49.47	2			8.58[8]			29.8	Mu.	261	101	[7] Decl. changed five rev. north.
17488	11	46.52	1	18	58	8.68[9]	35	45	53.8	Tr.	41	17	[8] R. A. increased one thread interval.
17489	7	46.38	3	18	58	8.70	34	42	12.0	Tr.	20	51	[9] R. A. decreased 10 sec.
	9	46.70	2			8.82			12.4	Mu.	54	5	
17490	10	48.43	3	18	58	10.08	25	28	....	Tr.	164	86	
	8	48.63	1			10.17			31.8	Mer.	139	64	
17491	9	46.53	4	18	58	12.71	42	39	5.3	Mer.	42	60	
17492	8	48.67	1	18	58	12.80	22	57	33.3	Mer.	148	10	
17493	8	46.61	2	18	58	12.86[10]	31	22	30.7	Mu.	44	42	[10] R. A. decreased 10 sec.
	9	48.55	2			13.39			29.5	Mer.	134	57	
17494	6	51.60	5	18	58	14.52	16	27	12.1	Tr.	268	45	
17495	8.9	47.70	1	18	58	19.52	30	13	15.8	Mu.	131	15	
17496	7	48.63	2	18	58	21.42	18	57	....	Tr.	185	40	
	6	48.62	5			21.47			47.1	Mu.	190	44	
	5	51.65	5			21.50			44.1	Tr.	269	8	
17497	9	48.43	1	18	58	22.11	24	20	54.8	Mu.	170	79	
	9	46.62	1			23.32			....	Tr.	57	25	
17498	8	47.64	3	18	58	22.39	26	13	36.6	Mu.	127	33	
17499	9	47.71	1	18	58	22.62	29	16	19.5	Mu.	132	3	
	9.10	49.50	1			22.67			20.9	Mu.	262	51	
17500	9	48.62	2	18	58	23.93	20	44	26.5	Tr.	184	33	
17501	11	48.60	1	18	58	26.86	21	50	....	Tr.	182	17	
	10	48.55	1			26.99			24.5	Mu.	182	46	
17502	6	51.60	5	18	58	37.35	16	8	35.3	Tr.	268	46	
17503	8.9	46.46	1	18	58	38.62[11]	26	34	22.2	Mer.	28	64	[11] R. A. decreased one thread interval.
	10	48.55	2			39.09			....	Tr.	178	36	
17504	7	48.63	2	18	58	39.65	25	55	46.2	Mer.	139	65	
	7	47.64	1			39.94			49.7	Mu.	127	34	
	6	46.61	3			40.06			48.0	Tr.	53	58	
	6	46.52	3			40.07			45.5	Mu.	31	92	
	7	47.54	3			40.13			47.5	Mu.	123	60	
17505	10	46.66	2	18	58	42.52[12]	41	29	36.3	Mer.	56	12	[12] R. A. decreased 1 min.
	8.9	46.46	7			42.66			36.8	Mer.	26	104	
17506	9	48.60	1	18	58	46.91	19	36	8.4	Mer.	137	27	
	11	49.47	1			47.95			9.7	Mu.	259	98	
17507	7.8	46.40	3	18	58	48.67	27	3	47.6	Mer.	24	41	
	6	48.49	2			48.75			46.4	Mu.	176	67	
	7	46.52	1			48.85			46.2	Tr.	36	132	
	7.8	46.46	2			48.97			46.5	Mer.	28	65	
17508	8.9	47.70	1	18	58	49.77	30	4	57.3	Mu.	131	16	
17509	8.9	49.53	2	18	58	49.82	21	28	21.6	Mu.	266	97	
17510	9	46.52	1	18	58	51.94	27	4	12.9	Tr.	36	133	
17511	8	48.63	1	18	58	52.64	25	50	15.4	Mer.	139	66	

NO.	MAG	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
17512	9	46.53	3	18	58	53.92	34	1	11.5	Mu.	36	37	
17513	8	46.61	2	18	58	54.00[1]	31	11	58.1	Mu.	44	43	[1] One thread decreased 10 sec.
	7	48.55	2			54.27			58.1	Mer.	134	58	
	8	47.40	1			54.31			57.5	Tr.	120	85	
17514	8	46.61	1	18	58	55.90	31	19	27.2	Mu.	44	44	
	8	48.55	2			55.98			26.5	Mer.	134	59	
17515	9	46.53	1	18	59	0.67	33	34	58.3	Tr.	45	12	
17516	..	48.55	1	18	59	3.03	21	55	27.9	Mu.	182	47	
	11	48.60	1			3.07			....	Tr.	182	18	
17517	8	48.63	2	18	59	4. . .[2]	24	53	10.1	Mu.	191	49	[2] Separate threads give $5^{s}.09$, $4^{s}.00$. Gou gives $4^{s}.5$.
	9	48.55	2			4.30[3]			15.4	Tr.	174	80	
	6.7	48.54	2			4.54			11.3	Tr.	173	20	[3] R. A. decreased 1 min.
	7	46.61	2			4.70			10.3	Mu.	42	49	
17518	10	48.54	1	18	59	8.71	23	24	....	Mer.	131	49	
17519	9	48.55	1	18	59	12.11	22	1	9.2	Mu.	182	48	
17520	5	46.40	2	18	59	15.60	38	7	53.9	Tr.	24	1	
	5.4	46.54	2			15.66			54.5	Tr.	47	35	
17521	8.9	46.47	2	18	59	17.48	40	3	31.9	Mer.	29	4	
17522	10	46.60	3	18	59	18.79	27	56	....	Tr.	52	9	
	9	47.65	2			18.84			23.8	Mu.	128	33	
	9	46.52	4			19.12			20.4	Mer.	37	36	
17523	9	47.65	1	18	59	19.47	28	45	24.5	Mer.	199	8	
17524	9	48.60	1	18	59	22.47	19	50	29.8	Mer.	137	28	
	10	49.47	1			22.64			27.3	Mu.	261	102	
	9	48.49	2			22.64			....	Tr.	169	97	
17525	7	46.66	4	18	59	23.03	42	7	28.7	Mer.	56	13	
	7.8	46.53	7			23.13			29.6	Mer.	42	61	
	7.8	46.69	5			23.25			29.0	Mer.	57	1	
17526	8.9	46.70	3	18	59	27.66	34	43	16.2	Mu.	54	6	
	8	46.38	2			27.78			14.5	Tr.	20	52	
17527	7	48.62	3	18	59	27.66	19	31	....	Tr.	183	3	
	5	49.65	5			27.73			8.6	Mer.	186	48	
	5.6	49.47	2			27.82			10.2	Mu.	259	99	
17528	9	48.62	2	18	59	27.88	20	30	16.6	Tr.	184	34	
	10	48.60	1			27.97			15.3	Mu.	188	19	
17529	8.9	48.55	3	18	59	28.31	28	58	7.8	Mu.	183	50	
	8.9	46.63	3			28.44			7.6	Mu.	47	29	
	9	46.62	5			28.56			7.4	Mer.	52	7	
	7	47.65	1			28.91			6.0[4]	Mer.	199	9	[4] Decl. changed one wire interval north.
	7	47.71	1			29.09			8.1	Mu.	132	4	
17530	9	46.42	1	18	59	32.26	30	51	25.6	Tr.	25	99	
	7.8	47.46	4			32.38			27.2	Mu.	120	142	
	8	47.40	1			32.46			26.9	Tr.	120	86	
17531	7	46.66	5	18	59	34.01	36	23	47.4	Mu.	49	18	
17532	7	46.61	1	18	59	34.90	25	18	38.5	Mu.	42	50	
	8	48.63	2			35.31			38.8	Mu.	191	50	
	6	47.54	2			35.42			36.0	Mu.	123	61	
17533	8	46.62	2	18	59	37.84	24	38	....	Tr.	57	26	
17534	10	48.55	2	18	59	38.30	21	13	12.3	Mer.	133	57	
	8.9	49.53	1			38.69[5]			12.7	Mu.	266	98	[5] R. A. decreased 20 sec.
17535	9	48.54	1	18	59	39.71	23	25	....[6]	Mer.	131	50	[6] Reduced for horizontal wire 2 instead of 7, as recorded.
	8	48.54	2			40. . .[7]			14.1	Mu.	180	23	
	5	48.55	3			40.08			13.7	Mer.	132	78	[7] Separate threads give $40^{s}.90$, $40^{s}.09$.
	6	48.67	3			40.40			13.8	Mer.	148	11	
	9	48.49	4			40.49			....	Mer.	129	81	
	6	48.45	2			40.66[8]			9.6	Mu.	171	54	[8] Separate threads give $41^{s}.03$, $40^{s}.29$.
17536	4	46.69	2	18	59	42.30	39	34	....[9]	Tr.	65	22	[9] Decl. changed one rev. south.
	5	46.66	2			42.56			....	Tr.	60	1	
17537	9	47.54	2	18	59	43. . .[10]	27	27	28.7	Mer.	195	81	[10] R. A. decreased 2 min. and increased 20 sec. Separate threads give $44^{s}.17$, $42^{s}.78$.
	9	47.45	1			43.26			27.1	Mu.	119	39	
17538	9	47.40	1	18	59	48.63	30	52	36.5	Tr.	120	87	
	10	46.42	1			48.78			36.5	Tr.	25	100	
17539	6	51.60	5	18	59	52.65	16	6	35.7	Tr.	268	47	
17540	9	46.61	2	18	59	53.42	25	43	16.3	Tr.	53	59	
17541	8	48.62	4	18	59	56.19	19	11	3.2	Mu.	190	45	
	6	49.65	1			56.62			2.1	Mer.	186	49	
	9	48.62	1			56.64			....	Tr.	183	4	
17542	8	46.63	3	19	0	1.24	28	44	....	Tr.	58	12	
17543	10	46.46	2	19	0	1.28	32	9	....	Tr.	30	92	
17544	9	48.60	1	19	0	1.66[11]	20	2	48.5	Mer.	137	29	[11] R. A. increased 1 min.
	9	49.47	1			2.35			50.0	Mu.	261	103	
17545	9	47.54	1	19	0	4.71	25	20	53.9	Mu.	123	62	
17546	..	48.60	1	19	0	9.69[12]	20	13	64.1[13]	Mu.	188	20	[12] R. A. increased one thread interval.
	8	48.62	1			10.13			61.7[14]	Mu.	189	2	[13] Horizontal wire and micrometer rev. assumed.
	9	49.47	1			10.78			58.0	Mu.	261	104	[14] Decl. changed five rev. north.
17547	8	48.63	2	19	0	10.59[15]	18	54	....	Tr.	185	41	[15] R. A. decreased one thread interval.
17548	8	48.55	1	19	0	17.10	23	44	45.3	Mer.	132	79	
17549	9	51.65	5	19	0	23.23	18	43	16.9	Tr.	269	9	
	11	48.63	1			23.55			....[16]	Tr.	185	42	[16] Decl. changed one rev. north.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
17550	8	47.47	2	19	0	23.37	27	20	50.5[1]	Mer.	101	37	[1] Decl. changed one wire interval north.
	6	46.52	1			23.63			49.7	Tr.	36	134	
	7	46.62	2			23.66			50.4	Mu.	45	36	
	..	47.54	1			23.76			51.4	Mer.	195	82	
	7	47.45	4			23.89			50.0	Mu.	119	40	
	7.8	46.40	3			24.05			51.2	Mer.	24	42	
17551	9.10	48.55	4	19	0	30.13	22	36	40.3	Mu.	181	88	
	9	48.67	2			30.25			40.7	Tr.	192	3	
	10	48.45	3			30.41			....[2]	Mer.	127	52	[2] Decl. changed one wire interval north and one rev. south.
17552	8	48.45	1	19	0	30.39	23	25	24.1	Mu.	171	55	
	9.10	48.49	2			30.49			....	Mer.	129	82	
	9	48.54	1			30.72			....[3]	Mer.	131	51	[3] Decl. changed one rev. south.
	7	48.67	2			30.86			29.9	Mer.	148	12	
	9	48.54	2			30.87			25.8	Mu.	180	24	
17553	7.	46.67	2	19	0	31.18	26	46	....	Tr.	63	1	
	10	48.55	1			31.27			....[4]	Tr.	178	38	[4] Decl. changed one rev. north.
	8	46.52	1			31.34			35.6	Tr.	36	135	
	7.8	46.46	2			31.37			33.1	Mer.	28	66	
	7	48.49	2			31.60			32.4[5]	Mu.	176	68	[5] Decl. changed one rev. north.
17554	7	48.49	1	19	0	34.57[6]	26	52	58.1	Mu.	176	69	[6] R. A. decreased 1 min.
	10	48.55	1			34.90			....	Tr.	178	37	
	7	46.52	1			35.01			60.7	Tr.	36	136	
	7	46.67	2			35.24			....	Tr.	63	2	
17555	10	49.47	1	19	0	40.95	19	38	39.3	Mu.	259	100	
	8	49.65	1			41. . .[7]			39.6[8]	Mer.	186	50	[7] "Time of transit doubtful."
17556	9	46.62	2	19	0	43.76	24	24	....	Tr.	57	27	[8] Decl. changed one rev. south.
17557	10	48.60	1	19	0	45.09	21	41	....	Tr.	182	19	
17558	..	48.60	1	19	0	46.94[9]	20	16	33.3	Mu.	188	21	[9] R. A. increased one thread interval.
	9	48.62	2			47.20			34.7	Mu.	189	4	
	9	49.47	1			47.92			32.9	Mu.	261	106	
17559	9	47.66	1	19	0	48.78	29	6	23.9	Tr.	126	14	
	10	49.50	1			48.95			26.6	Mu.	262	52	
17560	4	48.55	2	19	0	50.15[10]	21	15	22.2	Mer.	133	58	[10] One of three threads rejected; R. A.=$50^{s}.89$.
	4	49.53	4			50.29			24.7	Mu.	266	99	
17561	8	47.44	1	19	0	53.72	30	14	29.6	Mer.	190	147	
	8	47.47	2			54.02			28.9	Tr.	123	65	
	7	47.70	2			54.16			25.8	Mu.	131	17	
	6.7	47.46	4			54.31			26.6	Mu.	120	143	
	7	46.54	3			54.33			24.8	Mu.	37	89	
	8	47.46	2			54.55[11]			24.2	Tr.	122	76	[11] One thread increased 30 sec.
17562	7.8	49.47	2	19	0	57.05	20	2	28.0[12]	Mu.	261	105	[12] If micrometer reading be assumed as 31.460 instead of 31.160 rev., as recorded, Decl.= 9″.1. Gou gives 8″.
	7	48.62	1			57.18			6.8	Mu.	189	3	
	8	48.60	.2			57.41			5.9	Mer.	137	30	
	9	48.49	1			57.61			....	Tr.	169	98	
17563	8	48.62	2	19	0	57.54	20	41	12.1	Tr.	184	35	
17564	8	46.46	2	19	0	59.59	26	40	47.6	Mer.	28	67	
	8	47.64	1			59.95			49.1	Mu.	127	35	
17565	9	46.71	5	19	1	3.31	27	56	18.5	Mer.	63	2	
17566	8	47.70	1	19	1	10.53	30	2	49.1	Mu.	131	18	
	8	47.44	1			10.72[13]			46.2	Mer.	190	148	[13] R. A. decreased 1 min.
	8	46.54	2			11.47			48.3	Mu.	37	90	
	9	47.46	1			11.60			46.6	Tr.	122	77	
17567	11	46.40	1	19	1	13.93	38	28	53.9	Tr.	24	2	
17568	9	46.61	3	19	1	24.56	29	5	46.1	Mer.	51	26	
	9	49.50	4			24.60			50.5	Mu.	262	53	
	9	46.62	4			24.69			51.1	Mer.	52	8	
	9	48.55	3			24.70			48.4	Mu.	183	51	
	8	47.65	2			24.90			47.3	Mer.	199	10	
	8	47.71	2			24.95			48.9	Mu.	132	5	
17569	8.9	46.70	3	19	1	28.21	35	8	36.0	Mu.	54	7	
17570	8	47.65	4	19	1	29.80	28	19	21.9	Mu.	128	34	
	8	46.60	2			29.95			....	Tr.	52	10	
	8	46.71	3			30.01			23.5	Mer.	63	3	
17571	10	48.60	1	19	1	36.30	21	54	....	Tr.	182	20	
	9	48.55	1			36.48			37.4	Mu.	182	49	
17572	9	49.53	1	19	1	37.52	20	54	27.6	Mu.	266	100	
17573	8	46.66	2	19	1	40.79	39	30	....	Tr.	60	2	
17574	8	47.64	1	19	1	41.97	26	8	54.9	Mu.	127	36	
	9	47.48	4			42.04			57.3[14]	Mer.	102	18	[14] Decl. changed two wire intervals and eight rev. north.
	9	46.52	1			42.16			54.3	Mu.	31	93	
17575	8	51.60	5	19	1	42.54	16	32	14.2	Tr.	268	48	
17576	9	46.38	1	19	1	45.21	34	27	46.3	Tr.	20	53	
17577	9	46.62	4	19	1	45.72	28	46	24.7	Mer.	52	9	
	8.9	47.65	1			45.79			18.8	Mer.	199	11	
	8.9	46.63	3			45.90			21.2	Mu.	47	30	
	9	48.55	2			46.02[15]			22.4	Mu.	183	52	[15] R. A. decreased one thread interval.
	7	46.63	2			46.05			....	Tr.	58	13	
	9	46.63	4			46.32			18.1	Mer.	55	13	
17578	8	47.64	1	19	1	47.27	26	2	44.8	Mu.	127	37	
	9	48.63	2			47.65			46.0	Mer.	139	67	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
17579	8	46.40	2	19	1	47.69	27	17	19.8	Mer.	24	43	
	8	47.45	1			47.91			17.5	Mu.	119	41	
17580	6.7	47.71	2	19	1	48. . .[1]	29	44	26.3	Mu.	132	6	[1] Separate threads give 50^{s} 38, 48^{s}.16.
	7	47.48	3			48.18[2]			27.3	Tr.	125	39	[2] One of four threads rejected; R. A.=47^{s}.20.
	4.5	47.70	2			48.22			26.7	Mu.	131	19	
	6	46.61	4			48.31			29.0	Mer.	51	27	
	5	47.66	2			48.32			25.3	Tr.	126	15	
	6	46.54	1			48.40			24.3	Mu.	37	91	
	7	46.48	3			48.47			26.2[3]	Tr.	32	87	[3] Decl. changed one wire interval south.
	5.6	47.46	2			48.54			27.6	Tr.	122	78	
	7	49.50	1			48.60			25.3	Mu.	262	54	
17581	. .	48.63	2	19	1	49.08	25	54	18.7	Mer.	139	68	
17582	8.9	46.53	3	19	1	50.74[4]	33	59	3.5	Mu.	36	38	[4] R. A. increased 1 min.
17583	9	48.60	1	19	1	51.56	19	38	51.8	Mer.	137	31	
17584	6	48.43	2	19	1	52.16	24	25	28.2	Mu.	170	80	
	7	46.62	2			52.25			. . . .	Tr.	57	28	
17585	9	46.53	1	19	1	58.27	33	36	5.6	Tr.	45	13	
17586	10	48.67	1	19	1	58.86	22	47	56.6	Tr.	192	4	
17587	10	46.46	2	19	2	0.11	32	20	. . . .	Tr.	30	93	
17588	7	46.64	3	19	2	0.17	37	49	27.2	Mu.	48	30	
17589	9	48.62	1	19	2	5.88	20	12	46.6	Mu.	189	5	
	9.10	49.47	1			6.44			43.2	Mu.	261	107	
17590	9	47.54	1	19	2	10.49	25	44	34.2	Mu.	123	63	
	8	46.61	2			10.69			31.2	Tr.	53	60	
17591	9	47.54	2	19	2	11.91	27	18	57.3	Mer.	195	83	
	8	46.52	1			12.41			59.0	Tr.	36	137	
	8	46.40	1			12.53			54.2	Mer.	24	44	
	9	46.62	2			12.69			55.7	Mu.	45	37	
	8	46.67	2			12.69			. . . .	Tr.	63	3	
	7.8	47.45	2			12.86			57.0	Mu.	119	42	
17592	9.10	49.50	1	19	2	24.69	29	46	42.1	Mu.	262	55	
17593	10	48.55	2	19	2	25.45	21	21	36.3	Mer.	133	59	
17594	7	46.64	2	19	2	25.77[5]	37	45	57.8	Mu.	48	31	[5] One of three threads rejected; R. A.=26^{s}.91.
17595	9	48.55	3	19	2	26.26	31	26	50.4	Mer.	134	60	
17596	9	48.62	3	19	2	26.56	20	35	9.1	Tr.	184	36	
	8	48.60	2			26.65[6]			14.5	Mu.	188	22	[6] One thread increased one thread interval.
17597	6	51.60	5	19	2	29.19	16	9	37.4	Tr.	268	49	
17598	9	46.66	2	19	2	35. . .[7]	36	24	2.6	Mu.	49	19	[7] Separate threads give 35^{s}.51, 34^{s}.32.
17599	8	46.53	1	19	2	39.19	33	18	22.2	Tr.	45	14	
17600	8	46.63	2	19	2	41.13	28	41	. . . .	Tr.	58	14	
17601	10	48.60	1	19	2	45.66	20	9	41.6	Mer.	137	32	
	10	48.49	1			46.24[8]			. . . .	Tr.	169	99	[8] Thread IV recorded on this star is assumed to be thread V of Tr. 169, No. 100.
17602	6.7	46.46	6	19	2	45.80	40	59	6.1	Mer.	26	105	
	8.9	46.61	5			45.90			3.1	Mer.	49	24	
	8	46.70	3			45.97			6.4	Mer.	59	1	
17603	12	48.63	1	19	2	50.73	18	27	. . . .	Tr.	185	43	
17604	11	46.39	4	19	2	52.58	38	55	. . . .	Tr.	21	37	
17605	9	46.53	2	19	2	53.03	34	5	31.2	Mu.	36	39	
17606	8.9	46.53	1	19	2	54.14	34	5	21.3	Mu.	36	40	
17607	8	46.38	2	19	2	55.14	34	40	45.9	Tr.	20	54	
	9	46.70	2			55.29			42.9	Mu.	54	8	
17608	9	47.65	2	19	2	55.27	28	55	57.2	Mer.	199	12	
17609	9	48.62	2	19	2	56.70	19	25	54.7	Mu.	190	46	
	10	48.62	2			57.05			. . . .	Tr.	183	5	
	9	49.47	1			57.32			51.4	Mu.	259	101	
17610	9.10	48.55	2	19	2	57.48[9]	28	23	6.4	Mu.	183	53	[9] R. A. increased one thread interval.
	9	46.60	2			57.53			. . . .	Tr.	52	11	
	8	47.65	2			57.64			5.0	Mu.	128	35	
	9	47.68	2			57.67[10]			5.2	Mu.	130	1	[10] One of three threads rejected; R. A.=56^{s}.61.
	9	46.63	3			57.81			13.3[11]	Mer.	55	14	[11] If micrometer reading be assumed as 44.57 instead of 44.37 rev., as recorded, Decl.= 6″.5.
17611	7	48.45	1	19	2	58.23	23	58	52.8	Mu.	171	56	
	9.10	48.49	3			58.27			. . . .	Mer.	129	83	
	7	48.55	4			58.30			55.8	Mer.	132	80	
17612	9	48.60	2	19	2	59.65[12]	20	37	22.9	Mu.	188	23	[12] R. A. increased one thread interval
17613	8	48.67	1	19	3	6.83	22	10	16.2	Tr.	192	5	
	9	48.55	3			7.10			15.2	Mu.	181	89	
	10	48.45	3			7.41			. . . .	Mer.	127	53	
	9	48.55	1			7.56			20.1	Mu.	182	50	
17614	9	48.67	2	19	3	8.33	23	8	41.7	Mer.	148	13	
17615	10	46.67	2	19	3	11.03	27	2	. . . .	Tr.	63	4	
17616	9	46.62	2	19	3	18.30	24	33	. . . .	Tr.	57	29	
17617	10	48.54	2	19	3	26.68	23	16	. . . .[13]	Mer.	131	52	[13] Decl. changed one rev. south.
	8	48.67	2			26.77			52.4	Mer.	148	14	
17618	10	48.43	2	19	3	29.04	25	54	. . . .	Tr.	164	87	
	8	47.64	1			29.05			51.2	Mu.	127	38	
	9	48.63	3			29.31			46.8	Mer.	139	69	
	8	46.61	2			29.44			47.5	Tr.	53	61	
	9	47.54	1			29.77			49.1	Mu.	123	64	
17619	10	48.60	2	19	3	30.01	21	54	. . . .	Tr.	182	21	
	7	48.55	2			30.15			6.1	Mu.	182	51	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
17620	11	51.60	5	19	3	30.80	16	9	57.2	Tr.	268	51	
17621	10	48.55	2	19	3	35.05	25	9	4.6	Tr.	174	81	
	9	46.61	2			35.49			6.9	Mu.	42	51	
17622	7	46.61	2	19	3	35.84	24	43	53.7	Mu.	42	52	
	9	48.63	2			36.31			54.6	Mu.	191	51	
	8	48.43	1			36.33			54.9	Mu.	170	81	
	9	48.54	2			36.43			54.5	Tr	173	21	
17623	9	48.55	4	19	3	36.44	31	10	22.0	Mer.	134	61	
17624	9	47.47	1	19	3	36.60	29	52	50.0	Tr.	123	66	
	7	47.48	3			36.69			57.6	Tr.	125	40	
	8	47.70	2			36.80			60.0	Mu.	131	20	
	9	46.54	1			37.07			58.6	Mu.	37	92	
17625	9	48.67	1	19	3	37.16	22	25	58.6	Tr.	192	6	
17626	8.9	46.61	2	19	3	37. . . [1]	31	10	18.6	Mu.	44	45	[1] Separate threads give $37^{s}.64$, $38^{s}.96$.
	9	48.55	2			37.72			16.6	Mer.	134	62	
17627	8	51.60	5	19	3	38.74	16	32	23.4	Tr.	268	50	
17628	9	47.65	1	19	3	39.41	28	13	51.3	Mu.	128	36	
	9	46.71	4			39.74 [2]			51.6	Mer.	63	4	[2] R. A. increased 1 min.
17629	8	47.45	1	19	3	39.55	27	14	42.9	Mu.	119	43	
	8	48.49	1			39.69			40.1	Mu.	176	70	
	9	46.46	2			40.01			38.9	Mer.	28	68	
17630	8	46.66	3	19	3	43.10	39	19	....	Tr.	60	3	
17631	7	46.46	3	19	3	45.26	31	56	....	Tr.	30	94	
17632	9	48.67	1	19	3	52.31	23	2	38.7	Mer.	148	15	
17633	9	49.47	2	19	3	56. . . [3]	19	28	31.2	Mu.	259	102	[3] Separate threads give $56^{s}.45$, $57^{s}.34$.
	10	48.62	2			56.87			....	Tr.	183	6	
	8.9	48.62	4			57.15 [4]			32.5	Mu.	190	47	[4] R. A. decreased 1 min.
17634	9	47.48	2	19	3	59.01	26	9	7.7 [5]	Mer.	102	19	[5] Decl. changed ten rev. north.
	6	46.52	4			59.06			23.5 [6]	Mu.	31	94	[6] If micrometer reading be assumed as 38.54 instead of 38.34 rev., as recorded, Decl. = 10″.9.
	5.6	47.64	3			59.24			10.6	Mu.	127	39	
	6	47.51	4			59.37 [7]			10.7	Mer.	194	47	
17635	8	48.45	1	19	3	59.73	23	57	6.0	Mu.	171	57	[7] Two threads increased 10 sec. each.
	8	48.55	1			59.91			13.7	Mer.	132	82	
	9.10	48.49	3			60.06			....	Mer.	129	84	
17636	7	48.55	2	19	4	4.76	23	28	51.5	Mer.	132	81	
17637	8	46.61	3	19	4	8.05	25	46	46.0	Tr.	53	62	
	9	48.63	3			8.07			48.0	Mer.	139	70	
17638	9	48.49	1	19	4	15.49 [8]	19	44	....	Tr.	169	100	[8] Thread IV of Tr. 169, No. 99, is assumed to be thread V of this star.
	10	48.60	2			15.51			0.4 [9]	Mer.	137	33	
	10	48.62	2			15.57			1.0	Mu.	189	6	[9] Decl. changed two rev. south.
17639	9	48.62	2	19	4	16.14	20	40	3.6	Tr.	184	37	
	8	48.60	1			17.42 [10]			5.8	Mu.	188	24	[10] R. A. increased 20 sec. Gou gives $16^{s}.0$. Mü$_1$ gives $15^{s}.9$.
17640	8	46.62	2	19	4	17.88	27	38	30.6	Mu.	45	38	
	..	47.54	3			18.34			28.7	Mer.	195	84	
17641	11	48.55	2	19	4	22.03 [11]	24	59	35.9	Tr.	174	82	[11] One thread decreased one thread interval.
17642	9	46.61	4	19	4	29.93	40	36	18.6	Mer.	49	25	
	9.10	46.47	3			30.15			17.2	Mer.	29	5	
	8.9	46.70	4			30.16			17.5	Mer.	59	2	
17643	10	49.47	1	19	4	37.14	19	6	7.7	Mu.	259	103	
	9.10	48.62	1			37.32			8.0	Mu.	190	48	
	10	48.63	2			38.32 [12]			....	Tr.	185	44	[12] AW gives $37^{s}.6$. Mü$_1$ gives $37^{s}.5$.
17644	9	48.54	1	19	4	37.20	22	48	44.4	Mu.	180	25	
	9	48.55	3			37.55			50.6	Mu.	181	90	
	6	48.67	2			37.78			50.5	Tr.	192	7	
17645	10	48.55	2	19	4	37. . . [13]	27	7	....	Tr.	178	39	[13] Separate threads give $38^{s}.51$, $36^{s}.97$.
	7	47.45	1			37.89			16.5	Mu.	119	44	
	7.8	46.40	2			37.92 [14]			16.7	Mer.	24	45	[14] One of three threads rejected; R. A. = $36^{s}.96$.
	6	48.49	2			38.10 [15]			15.2	Mu.	176	71	[15] One thread decreased 10 sec.
	5	46.67	3			38.11			....	Tr.	63	5	
	7	46.46	3			38.19			13.2	Mer.	28	69	
17646	9	46.64	2	19	4	50.33	37	38	7.3	Mu.	48	32	
17647	9	48.55	1	19	4	53.31	22	11	35.4	Mu.	182	52	
17648	10	48.54	1	19	4	55.57	23	10	....	Mer.	131	53	
	7	48.67	2			55.88			52.7	Mer.	148	16	
17649	8.9	46.61	3	19	4	57.28	29	31	23.5	Mer.	51	28	
	8	47.71	3			57.29			26.1	Mu.	132	7	
	9	49.50	2			57.39 [16]			25.9	Mu.	262	56	[16] One of three threads rejected; R. A. = $56^{s}.49$.
	9	47.66	1			57.46			25.1	Tr.	126	16	
17650	10	46.38	1	19	5	3.22	34	19	32.1	Tr.	20	55	
17651	9	48.67	1	19	5	4.09	23	18	56.8	Mer.	148	17	
17652	10	48.55	2	19	5	4.68	21	27	8.7	Mer.	133	60	
17653	7	46.54	3	19	5	4.90	30	4	53.5	Mu.	37	93	
	8	47.46	2			4.92			51.8	Tr.	122	79	
	8	47.47	2			5.03			55.5	Tr.	123	67	
	7	47.70	5			5.11			55.5	Mu.	131	21	
17654	6	51.60	5	19	5	7.17	16	14	28.2	Tr.	268	52	
17655	8	47.54	1	19	5	8.20	27	37	45.6	Mer.	195	85	
	8	46.62	1			8.71			45.9	Mu.	45	39	
	8	47.45	1			8.92			45.9	Mu.	119	45	
	8.9	46.71	4			9.01			44.0	Mer.	63	5	

NO.	MAG	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
17656	10	48.60	2	19	5	9.52	22	18	....	Tr.	182	22	
	8.9	48.55	3			9.68			35.8	Mu.	181	91	
	8.9	48.67	1			9.81 [1]			35.2	Tr.	192	8	[1] R. A. increased 10 sec.
	9	48.45	3			10.04			....	Mer.	127	54	
17657	8	47.65	4	19	5	10.09	29	1	44.6	Mer.	199	13	
17658	7.8	46.61	5	19	5	11.20	29	29	32.8	Mer.	51	29	
	7	47.66	1			11.20			32.3	Tr.	126	17	
	8	49.50	4			11.22			33.4	Mu.	262	57	
	7	47.71	3			11.28			33.7	Mu.	132	8	
	9	46.48	3			11.34			32.0	Tr.	32	88	
	8	47.48	1			11.37			34.3	Tr.	125	41	
17659	9	48.55	2	19	5	12.07	31	20	5.9	Mer.	134	63	
17660	7	46.61	3	19	5	14.03	31	5	19.7	Mu.	44	46	
	8	48.55	1			14.37			23.0	Mer.	134	64	
	8	46.42	2			14.45			19.8	Tr.	25	101	
17661	8	48.63	1	19	5	18.03	25	35	34.7	Mer.	139	71	
	10	46.61	1			18.15			40.9	Tr.	53	63	
17662	8.9	46.71	4	19	5	19.05	27	34	14.1	Mer.	63	6	
	8	47.54	1			19.07 [2]			15.9	Mer.	195	86	[2] R. A. decreased 1 min.
	7.8	47.45	1			19.20			15.9	Mu.	119	46	
	7.8	46.40	1			19.47			15.5	Mer.	24	46	
	8	46.62	2			19.49			16.2	Mu.	45	40	
	9	47.47	1			19.49			22.2	Mer.	101	38	
17663	9	46.46	7	19	5	20.30	41	21	42.4	Mer.	26	106	
17664	9	46.70	3	19	5	23.79	35	3	45.4	Mu.	54	9	
17665	8	46.38	2	19	5	25.14	34	32	20.4	Tr.	20	56	
17666	8	46.66	2	19	5	25.16	39	26	....	Tr.	60	4	
17667	6	51.60	5	19	5	26.74	16	9	1.8	Tr.	268	53	
17668	10	46.60	2	19	5	27.60	28	16	....	Tr.	52	12	
17669	9	46.71	2	19	5	29.81	27	46	42.2	Mer.	63	7	
	8.9	47.65	1			29.90			43.0	Mu.	128	37	
17670	7	46.64	2	19	5	30.06	37	12	3.1	Mu.	48	33	
	7	46.61	2			30.21			3.9	Tr.	56	19	
17671	8	46.52	2	19	5	31.04	35	24	38.4	Tr.	41	18	
17672	10	48.45	2	19	5	34.63	22	19	....	Mer.	127	55	
	9.10	48.55	1			35.38			43.5	Mu.	181	92	
17673	9.10	47.68	1	19	5	36.61	28	28	28.3	Mu.	130	2	
	8	47.65	1			36.80			28.7	Mer.	199	14	
	7	46.63	2			36.98			....	Tr.	58	15	
17674	10	48.55	2	19	5	41.35	21	29	12.3	Mer.	133	61	
17675	8	46.46	3	19	5	45.25	32	27	17.5	Mu.	25	89	
17676	10	46.38	1	19	5	53.58	34	31	27.6	Tr.	20	57	
17677	10	46.66	4	19	5	55.56	41	51	22.4	Mer.	56	14	
17678	9	48.62	2	19	5	57.43	19	13	42.0	Mu.	190	49	
	10	48.62	2			57.47			.... [3]	Tr.	183	7	[3] Decl. changed five wire intervals north.
	10	49.47	2			57.51			43.2	Mu.	259	104	
17679	8	46.53	2	19	5	59.23 [4]	33	47	2.8	Mu.	36	41	[4] Separate threads give $58^s.83$, $59^s.62$. Gou and GZ give $58^s.5$.
17680	9.10	47.71	1	19	6	0.81	29	43	55.1	Mu.	132	9	
17681	9	46.53	3	19	6	1.05	33	49	34.7 [5]	Mu.	36	42	[5] If micrometer reading be assumed as 29.136 instead of 29.636 rev., as recorded, Decl. = 66″.2. Ya and Gou give 65″
17682	10	48.55	3	19	6	3.58 [6]	28	39	49.5	Mu.	183	54	
	8	47.65	1			3.87			42.8	Mer.	199	15	
17683	10	48.63	1	19	6	4.42	18	45	....	Tr.	185	45	[6] R. A. increased 1 min.
17684	8.9	46.66	3	19	6	6.50	36	40	14.7	Mu.	49	20	
17685	10	46.60	2	19	6	17.43	28	6	....	Tr.	52	13	
	8	47.65	1			17.83			37.7	Mu.	128	38	
17686	4	47.54	5	19	6	20.25	25	30	35.6	Mu.	123	65	
	4	48.63	4			20.30			37.1	Mer.	139	72	
	7	48.43	4			20.40			....	Tr.	164	88	
17687	6	48.62	2	19	6	24.51	24	25	49.9	Mer.	138	1	
	5	46.62	3			24.78			....	Tr.	57	30	
	5	48.43	2			24.85			48.3	Mu.	170	82	
17688	11	51.60	5	19	6	25.46	16	13	51.9	Tr.	268	54	
17689	10	48.55	2	19	6	28.29	21	16	14.7	Mer.	133	62	
17690	8	48.55	4	19	6	29.17	23	57	11.2	Mer.	132	83	
17691	9	46.69	4	19	6	30.58	42	3	6.4	Mer.	57	2	
17692	9	46.42	1	19	6	33.00	30	37	9.2	Tr.	25	102	
17693	8	48.62	4	19	6	36.03	20	2	25.2	Mu.	189	7	
	8	48.60	2			36.29 [7]			26.8	Mer.	137	34	[7] One of three threads rejected; R. A. = $37^s.13$.
	9	48.49	2			36.30			....	Tr.	169	101	
17694	9	46.53	1	19	6	39.04	33	19	11.0	Tr.	45	15	
17695	7	46.42	2	19	6	39.57	30	42	56.6	Tr.	25	103	
17696	8	46.67	3	19	6	44.61	26	52	....	Tr.	63	6	
	9	46.46	3			44.79			18.1	Mer.	28	70	
	9	48.55	2			44.82			.... [8]	Tr.	178	40	[8] Decl. changed one rev. north.
17697	9	46.53	1	19	6	45.52	33	33	29.4	Tr.	45	16	
	9	46.53	1			45.77			27.5	Mu.	36	43	
17698	9	46.62	3	19	6	48.88	24	20	....	Tr.	57	31	
17699	8	47.66	4	19	6	53.13	24	58	....	Mer.	104	11	
	8.9	48.63	4			53.33			....	Mu.	191	52	
	8	48.54	2			53.43			19.6	Tr.	173	22	
	9	48.55	3			53.47			20.8	Tr.	174	83	
	7	46.61	4			53.54			23.8	Mu.	42	53	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
17700	8	48.55	2	19	6	53.26	31	39	48.0	Mer.	134	65	
17701	7	46.52	3	19	6	58.01	25	55	18.2	Mu.	31	95	
	5	46.61	2			58.05			20.2	Tr.	53	64	
	7	47.64	3			58.29			21.0	Mu.	127	40	
	7	47.54	2			58.29			19.7	Mu.	123	66	
	7	47.51	7			58.55			23.3	Mer.	194	48	
17702	10	48.60	2	19	6	58.65	22	5	....	Tr.	182	23	
	9	48.55	2			58.79			36.9	Mu.	182	53	
17703	6	46.46	3	19	7	0.52	32	8	....	Tr.	30	95	
	8	46.46	2			0.95			28.8	Mu.	25	90	
17704	8	46.52	3	19	7	1.65	35	26	27.3	Tr.	41	19	
17705	10	48.55	1	19	7	9.35	21	12	36.3	Mer.	133	63	
17706	9	48.63	2	19	7	10.66	25	35	44.7	Mer.	139	73	
17707	8	46.61	2	19	7	12. . .[1]	25	35	55.4	Tr.	53	65	[1] Separate threads give 11^s.34, 12^s.14.
	10	48.43	3			12.01			....	Tr.	164	89	
	8	48.63	2			12.02			55.0	Mer.	139	74	
17708	6	51.60	5	19	7	14.03	16	33	17.4	Tr.	268	55	
17709	9	46.38	1	19	7	14.19	34	27	29.8	Tr.	20	58	
17710	11	46.67	2	19	7	15.91	26	55	....	Tr.	63	7	
17711	9	48.62	3	19	7	16.21	20	42	42.4	Tr.	184	38	
	9	48.60	2			16.41			41.5	Mu.	188	25	
17712	8.9	46.62	5	19	7	22.67	28	55	32.0	Mer.	52	10	
	9	46.48	7			22.71			30.5	Mer.	32	46	
	8	48.55	3			22.76			30.9	Mu.	183	55	
	7.8	46.63	4			22.80			31.3	Mu.	47	31	
	8	47.65	2			22.80			28.7	Mer.	199	16	
	8	47.68	4			22.89			31.9	Mu.	130	3	
17713	7	51.65	5	19	7	24.15	18	54	41.9	Tr.	269	10	
	9	48.63	2			24.48			....	Tr.	185	46	
17714	10	47.54	1	19	7	29.03	27	23	6.3	Mer.	195	87	
	9	47.45	1			29.13			2.6	Mu.	119	47	
17715	9	47.48	2	19	7	36.73	29	35	51.6	Tr.	125	42	
17716	9	46.40	3	19	7	37.62	38	31	27.4	Tr.	24	3	
17717	10	48.49	2	19	7	47.48	23	28	....	Mer.	129	85	
	9	48.67	2			47.70			48.4	Mer.	148	18	
	10	48.66	2			47.76			46.6	Mu.	196	1	
	7	48.55	3			48.04			45.7	Mer.	132	84	
	11	48.63	2			48.18			49.4	Mu.	193	1	
17718	10	49.47	2	19	7	53.64	19	33	58.0[2]	Mu.	259	105	[2] Decl. changed five rev. north.
17719	10	48.60	1	19	8	1.47	21	45	....	Tr.	182	24	
17720	9	46.38	1	19	8	3.15	34	46	56.1	Tr.	20	59	
17721	10	48.45	3	19	8	3.36	22	12	....[3]	Mer.	127	56	[3] Decl. changed one rev. north.
	10	48.67	2			3.67			24.3	Tr.	192	9	
	9	48.55	1			3.78			29.3	Mu.	182	54	
	9	48.55	3			3.86			26.2	Mu.	181	93	
17722	6	51.60	5	19	8	3.56	16	32	10.8	Tr.	268	56	
17723	9	46.42	1	19	8	9.75	30	37	6.7	Tr.	25	104	
17724	9	48.55	1	19	8	11.00	22	0	42.9	Mu.	182	55	
17725	10	46.67	2	19	8	12.29	26	44	....	Tr.	63	8	
17726	9	46.62	2	19	8	14.45	24	6	....[4]	Tr.	57	32	[4] Decl. changed one wire interval north.
	7	48.55	2			14.47			12.5	Mer.	132	85	
17727	8	48.62	3	19	8	19.17	20	48	27.4	Tr.	184	39	
	9	48.60	1			19.39			25.9	Mu.	188	26	
17728	9	48.55	2	19	8	20.19	21	19	55.0	Mer.	133	64	
17729	9	47.54	1	19	8	20.06	27	30	52.0	Mer.	195	88	
	8.9	46.40	3			21.04			51.0	Mer.	24	47	
	8	46.62	2			21.11			52.7	Mu.	45	41	
	8	47.45	1			21.24			49.9	Mu.	119	48	
17730	11	48.62	1	19	8	23.10	19	14	....	Tr.	183	8	
17731	7	46.66	3	19	8	23.82	39	47	....	Tr.	60	5	
17732	9	47.54	1	19	8	25.87	25	50	3.3	Mu.	123	67	
	9	48.63	2			26.89			10.2	Mer.	139	75	
	10	48.43	1			27.02			....	Tr.	164	90	
17733	9	46.66	4	19	8	30.30	41	34	12.1	Mer.	56	15	
	8.9	46.46	4			30.60			17.1	Mer.	26	107	
17734	8	46.53	1	19	8	35.30	33	24	55.0	Tr.	45	17	
	7	46.53	3			35.64			53.7	Mu.	36	44	
17735	9	51.65	5	19	8	36.31	19	1	32.5	Tr.	269	11	
17736	10	48.54	1	19	8	36.60	23	10	....	Mer.	131	54	
	9	48.67	2			37.10			27.3	Mer.	148	19	
17737	8	47.64	3	19	8	38.14	26	11	22.9	Mu.	127	41	
17738	10	48.63	3	19	8	41.18	18	50	....	Tr.	185	47	
17739	6	51.60	5	19	8	47.41	16	20	3.3	Tr.	268	57	
17740	10	48.63	1	19	8	51.16	25	19	66.7	Mu.	191	53	
	10	48.55	4			51.67			62.6	Tr.	174	84	
	9	47.54	1			51.77			58.3	Mu.	123	68	
	9	46.61	1			51.86			67.8	Mu.	42	54	
17741	4	48.62	3	19	8	51.24	19	12	....	Tr.	183	9	
	7	48.62	5			51.49			53.4	Mu.	190	50	
	7.6	49.47	1			51.58			53.5	Mu.	259	106	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
17742	9	46.46	5	19	8	53.48	41	40	30.3	Mer.	26	108	
17743	10	48.60	1	19	8	56.78	19	53	30.0	Mer.	137	35	
	10	48.62	2			57.05			23.8	Mu.	189	8	
	10	48.49	2			57.49			....	Tr.	169	102	
17744	9	48.55	3	19	8	58.34[1]	31	5	31.8	Mer.	134	66	[1] Two of five threads rejected; R. A.=$59^s.56$, $59^s.79$.
	9	46.61	1			58.52			28.1	Mu.	44	47	
17745	9	46.69	5	19	8	58.88	42	19	49.3	Mer.	57	3	
17746	10	48.60	3	19	8	59.93	21	46	....	Tr.	182	25	
	10	48.55	1			60.23			10.5	Mu.	182	56	
17747	9	48.55	1	19	9	2.31	23	51	51.5	Mer.	132	86	
17748	8	46.38	1	19	9	2.37	34	28	42.0	Tr.	20	60	
17749	9	46.60	2	19	9	8.86	28	4	....	Tr.	52	14	
	9	46.71	5			9.01			26.1	Mer.	63	8	
17750	7	46.53	1	19	9	12.99	33	32	16.5	Tr.	45	18	
	7	46.53	2			13.19			14.7	Mu.	36	45	
17751	10	49.47	1	19	9	16.02	19	24	14.0	Mu.	259	108	
17752	11	48.63	1	19	9	17.26	23	27	40.9	Mu.	193	2	
	10	48.66	1			17.88			....[2]	Mu.	196	2	[2] Micrometer reading the same as that of Mu. 196, No. 1.
17753	8	46.61	1	19	9	18.98	37	9	32.8	Tr.	56	20	
	7	46.64	3			19.27			33.0	Mu.	48	34	
17754	9	48.67	2	19	9	19.50[3]	23	16	35.3	Mer.	148	20	[3] R. A. decreased one thread interval.
17755	7.8	46.53	1	19	9	20.21	33	25	26.5	Mu.	36	46	
	8	46.53	1			20.28			28.4	Tr.	45	19	
17756	9	47.65	1	19	9	20.53	28	27	37.3	Mer.	199	17	
17757	8.9	48.62	1	19	9	23.97	19	7	37.7	Mu.	190	51	
	8	49.47	1			24.37			40.2[4]	Mu.	259	107	[4] Decl. changed four rev. south.
17758	9	46.62	3	19	9	26.63	28	54	36.8	Mer.	52	11	
	8	47.65	1			26.92			35.3	Mer.	199	19	
17759	10	48.55	2	19	9	27. . .[5]	26	20	....[6]	Tr.	178	41	[5] Separate threads give $27^s.35$, $28^s.33$. Gou gives $27^s.5$.
	9	47.51	1			27.05			21.4	Mer.	194	49	
	9	46.52	2			27.34			26.3	Mu.	31	96	[6] Decl. changed two rev. north.
	7	47.64	1			27.46			20.2	Mu.	127	42	
	9	47.48	2			27.96[7]			25.0	Mer.	102	20	[7] R. A. decreased 1 min.
17760	8	46.63	1	19	9	28.37	28	29	44.3	Mu.	47	32	
	9	48.55	3			28.46			45.5	Mu.	183	56	
	9	46.63	1			28.56			44.4	Mer.	55	15	
	7.8	47.65	2			28.63			46.7	Mu.	128	39	
	9	47.68	3			28.90			45.6	Mu.	130	4	
	8	47.65	1			29.43			46.1	Mer.	199	18	
17761	8	48.62	2	19	9	28.67	20	42	22.3	Tr.	184	40	
	9	48.60	2			28.84			23.5	Mu.	188	27	
17762	8	51.60	5	19	9	29.47	16	13	4.9	Tr.	268	58	
17763	8	46.46	2	19	9	30.07	32	6	....	Tr.	30	96	
17764	8	48.62	2	19	9	38.26	24	8	64.2	Mer.	138	2	
	8	48.43	2			38.57[8]			58.9	Mu.	170	83	[8] One thread decreased 10 sec.
	7	48.45	1			38.66			61.6	Mu.	171	58	
	8	46.62	2			38.80			....	Tr.	57	33	
17765	8	46.67	2	19	9	40.93	27	20	....	Tr.	63	9	
17766	5	46.52	3	19	9	43.18	35	41	17.7	Tr.	41	20	
17767	6	51.65	5	19	9	43.74	18	57	45.0	Tr.	269	12	
17768	10	48.43	1	19	9	45.05	25	31	....	Tr.	164	91	
	9	46.61	2			45.48			63.2	Tr.	53	66	
	8	48.63	2			45.84			58.5	Mer.	139	76	
17769	9	47.48	1	19	9	45.97[9]	26	18	28.4	Mer.	102	21	[9] R. A. decreased 30 sec.
	8	47.64	2			46.11			26.8	Mu.	127	43	
	9	47.51	1			46.56			29.9	Mer.	194	50	
	9	46.52	2			46.65			26.5	Mu.	31	97	
17770	9	48.55	3	19	9	46.01	31	14	20.9[10]	Mer.	134	67	[10] Decl. changed one rev. south.
17771	11	46.60	2	19	9	49.54	28	6	....	Tr.	52	15	
17772	9	48.55	2	19	9	55.63	22	22	12.1	Mu.	181	94	
	9	48.67	2			55.69			12.4	Tr.	192	10	
17773	9	52.56	5	19	9	57.10	17	28	49.1	Tr.	284	1	
17774	10	48.63	2	19	9	57.82	19	0	....	Tr.	185	48	
17775	9	48.60	2	19	9	58.91	19	59	35.0[11]	Mer.	137	36	[11] Mü$_1$ gives 19″. CiZ gives 25″.
	10	48.49	1			59.21			....	Tr.	169	103	
17776	9	46.48	5	19	10	0.07	29	17	20.6	Mer.	32	47	
	8	47.66	3			0.16			16.1	Tr.	126	18	
	8	49.50	3			0.17[12]			19.7	Mu.	262	58	[12] R. A. increased 1 min.
	9	46.61	4			0.23			14.1	Mer.	51	30	
	7	47.71	5			0.26			19.5	Mu.	132	10	
17777	8	47.65	1	19	10	5.47	28	49	12.5	Mer.	199	20	
	9	47.68	1			5.49			17.2	Mu.	130	5	
	9	46.62	2			5.71			15.3	Mer.	52	12	
17778	11	46.40	1	19	10	9.07	38	12	48.4	Tr.	24	4	
17779	8	48.66	2	19	10	12.54	23	49	30.5[13]	Mu.	196	3	[13] Decl. changed one rev. south.
	8	48.55	2			12.91			29.1	Mer.	132	87	
	6	48.45	1			13.00			24.2	Mu.	171	59	
	10	48.49	2			13.41[14]			....	Mer.	129	86	[14] One of three threads rejected; R. A.=$12^s.52$.
17780	7.8	46.66	5	19	10	12.62	36	29	48.2	Mu.	49	21	
17781	10	46.40	2	19	10	13.06	38	25	45.6	Tr.	24	5	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
17782	9	46.47	2	19	10	14.34	40	15	27.0	Mer.	29	6	
17783	9	46.62	2	19	10	14.60	28	52	23.0	Mer.	52	13	
17784	8	46.42	1	19	10	20.66	30	57	52.5	Tr.	25	105	
	7	48.55	1			20.97			51.3	Mer.	134	68	
17785	9	46.42	1.	19	10	22.06	30	43	53.4	Tr.	25	106	
17786	10	48.55	2	19	10	22.70	21	9	36.1	Mer.	133	65	
17787	10	46.38	1	19	10	28.14	34	32	23.8	Tr.	20	61	
17788	4	51.60	5	19	10	33.90	16	10	33.9	Tr.	268	59	
17789	9	48.62	1	19	10	36.51	20	41	15.9	Tr.	184	41	
17790	10	47.48	2	19	10	39.05	29	30	38.6	Tr.	125	43	
17791	9	48.67	2	19	10	44.61	22	54	37.4	Mer.	148	21	
17792	9	48.55	3	19	10	45.04	22	27	15.8	Mu.	181	95	
	9	48.67	2			45.22			13.1	Tr.	192	11	
17793	6	46.46	3	19	10	47.25	32	5	....	Tr.	30	97	
17794	9.10	46.46	3	19	10	51.04	26	43	12.4	Mer.	28	71	
	8	48.49	2			51.14			12.0	Mu.	176	72	
	11	48.55	2			51.16			....	Tr.	178	42	
17795	10	48.55	1	19	10	55.89	21	25	10.8	Mer.	133	66	
17796	9	46.40	3	19	11	1.11	27	5	32.7	Mer.	24	48	
	8	46.67	3			1.36			....	Tr.	63	10	
17797	11	46.52	1	19	11	6.40	35	42	27.6	Tr.	41	21	
17798	9	46.53	1	19	11	8.47	33	19	6.8	Tr.	45	20	
17799	8	46.61	3	19	11	8.89	24	54	8.6	Mu.	42	55	
	10	48.55	3			8.90			8.1	Tr.	174	85	
	9	48.54	1			8.92			10.5[1]	Tr.	173	23	[1] Decl. changed two rev. south.
	9	48.63	3			9.13			7.1	Mu.	191	54	
17800	10	48.49	1	19	11	9.42	23	39	....	Mer.	129	87	
17801	9	49.47	1	19	11	9.88	19	38	10.1	Mu.	259	109	
	9	48.62	1			11.26			....	Tr.	183	10	
	9	48.62	3			11.35			12.2	Mu.	189	9	
	8	48.60	1			11.35			9.0	Mer.	137	37	
17802	8.9	46.71	5	19	11	14.50	28	16	16.3	Mer.	63	9	
	8	47.65	3			14.50			13.1	Mu.	128	40	
	8	46.60	3			14.70			....	Tr.	52	16	
17803	8.9	46.61	3	19	11	26.74	31	28	41.9[2]	Mu.	44	48	[2] Decl. changed five rev. south.
	8	48.55	1			26.78			42.1	Mer.	134	69	
17804	11	48.60	1	19	11	28.77	22	8	....	Tr.	182	26	
	10	48.55	1			28.84			17.9	Mu.	182	57	
17805	10	47.66	1	19	11	29.72	29	25	8.2	Tr.	126	19	
17806	6	46.62	2	19	11	34.12[3]	24	28	....	Tr.	57	34	[3] R. A. decreased two thread intervals.
	6	48.43	2			34.33			40.7[4]	Mu.	170	84	[4] Decl. changed one rev. north.
	7	48.62	6			34.50			39.3	Mer.	138	3	
17807	7.8	46.70	5	19	11	34.56	35	15	13.8	Mu.	54	10	
17808	7.8	46.69	5	19	11	37.87	42	17	20.4	Mer.	57	4	
17809	9	48.45	3	19	11	38.28[5]	22	40	....[6]	Mer.	127	57	[5] R. A. decreased 1 min.
	7	48.55	5			38.55			34.7	Mu.	181	96	[6] Decl. changed five rev. south.
	6.7	48.67	2			38.57			35.4	Tr.	192	12	
17810	10	48.63	2	19	11	38.92[7]	19	8	....	Tr.	185	49	[7] One of three threads rejected; R. A.=$39^{s}.72$.
	10	48.62	2			39.78[8]			....	Tr.	183	11	[8] One thread decreased 10 sec.
17811	10	48.55	2	19	11	39.07	28	46	33.2	Mu.	183	57	
	9	46.62	2			39.18			31.4[9]	Mer.	52	14	[9] Decl. changed one rev. north.
	8	47.65	1			39.36			32.5	Mer.	199	21	
17812	10	48.54	2	19	11	39...[10]	23	19	....	Mer.	131	55	[10] Separate threads give $38^{s}.54$, $39^{s}.57$.
	8	48.67	2			39.36			38.5	Mer.	148	22	
	10	48.63	1			39.45			38.4	Mu.	193	3	
17813	10	48.66	1	19	11	40.46	23	59	16.3	Mu.	196	5	
	8	48.55	3			40.72			11.2	Mer.	132	88	
17814	10	49.47	1	19	11	42.19	19	16	7.6	Mu.	259	110	
17815	10	48.43	2	19	11	45.88	25	48	....	Tr.	164	92	
	7	46.61	2			45.96			17.4	Tr.	53	67	
	7.8	47.54	3			45.96			31.5[11]	Mu.	123	69	[11] If micrometer reading be assumed as 22.833 instead of 22.533 rev., as recorded, Decl.=12″.7.
	8	48.63	1			46.12			18.9	Mer.	139	79	
	8	48.63	4			46.24			14.3	Mer.	139	77	
17816	7.6	46.54	6	19	11	50.72	44	43	....	Mer.	44	9	
17817	8	46.67	2	19	11	51.62	27	20	....	Tr.	63	11	
	9	47.54	2			51.80[12]			34.0	Mer.	195	89	[12] One of three threads rejected; R. A.=$50^{s}.93$.
17818	9	48.55	3	19	11	51.93	28	46	5.2	Mu.	183	58	
	9	46.62	3			52.02			2.9	Mer.	52	15	
	8	47.65	1			52.37			3.9	Mer.	199	22	
17819	8	52.56	5	19	11	51.96	17	19	0.1	Tr.	284	2	
17820	9	48.63	1	19	11	52.92	25	51	45.7	Mer.	139	78	
17821	9.10	47.71	1	19	11	54.79	29	44	48.9	Mu.	132	11	
17822	9	48.60	1	19	11	57.14	21	48	....	Tr.	182	27	
17823	8	48.55	1	19	11	57.54	22	4	30.0	Mu.	182	58	
17824	10	48.49	1	19	11	59.85	23	53	....	Mer.	129	88	
	8	48.66	1			60.12			31.7	Mu.	196	4	
	7	48.45	1			60.21			27.6	Mu.	171	60	
	8	48.55	1			60.32			30.6	Mer.	132	89	
17825	8.9	46.66	3	19	12	3.58	36	8	33.6	Mu.	49	22	
17826	8	46.64	3	19	12	5.36	37	29	46.6	Mu.	48	35	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
17827	10	48.55	1	19	12	7.29	20	57	52.8	Mer.	133	67	
17828	7	46.54	3	19	12	8.78	29	52	48.3	Mu.	37	94	
	7	47.70	3			8.82[1]			50.8	Mu.	131	22	[1] One of four threads rejected; R. A.=$7^{s}.80$.
	8	47.46	2			8.89			47.9	Tr.	122	80	
	7	47.48	2			9.13			46.8	Tr.	125	44	
17829	11	48.55	1	19	12	15.34[2]	25	28	41.6	Tr.	174	86	[2] R. A. increased one thread interval.
17830	8	47.51	5	19	12	28.72[3]	26	26	25.5	Mer.	194	51	[3] One of six threads rejected; R. A.=$29^{s}.84$.
	9	47.48	1			29.60[4]			29.1	Mer.	102	22	[4] Minute assumed.
	8	46.52	4			29.77			25.1	Mu.	31	98	
	7	47.64	3			29.86			25.1	Mu.	127	44	
	9	48.55	2			29.86[5]			....	Tr.	178	43	[5] One of three threads rejected; R. A.=$28^{s}.75$.
	7	46.71	4			29.96			26.4	Mu.	56	1	
17831	6	51.65	5	19	12	29.97	18	55	26.4	Tr.	269	13	
17832	7.8	47.46	2	19	12	33.60	29	47	53.2	Tr.	122	81	
	7	46.54	3			33.63			56.0	Mu.	37	95	
	7	46.61	3			33.76[6]			53.6	Mer.	51	31	[6] R. A. decreased 10 sec.
	8	46.48	2			33.78			54.2	Tr.	32	89	
	7	47.70	2			33.84			57.2	Mu.	131	23	
	7	47.71	2			33.94			57.8	Mu.	132	12	
17833	10	48.49	2	19	12	33.84	20	9	....	Tr.	169	104	
17834	8	46.71	2	19	12	39. . .[7]	26	27	15.8	Mu.	56	2	[7] Separate threads give $37^{s}.44$, $39^{s}.81$.
	10	47.51	2			39. . .[8]			9.9	Mer.	194	52	[8] Separate threads give $38^{s}.84$, $40^{s}.07$. Gou gives $39^{s}.7$.
	9	47.64	1			39.55			13.5	Mu.	127	45	
17835	9	46.46	2	19	12	39.92	32	41	7.6	Mu.	25	91	
17836	8	48.55	2	19	12	40.73	30	57	3.6	Mer.	134	70	
17837	8	46.61	2	19	12	42.90	25	59	72.6[9]	Tr.	53	68	[9] If micrometer reading be assumed as 5.27 instead of 5.57 rev., as recorded, Decl.= 57″.5. AW gives 56″. GZ gives 58″.
17838	8	48.62	3	19	12	44.78	24	41	56.8	Mer.	138	4	
	8	46.62	3			44.93			....	Tr.	57	35	
	9	48.63	1			45.33			58.4	Mu.	191	55	
17839	9	48.67	2	19	12	44.96	23	17	43.6	Mer.	148	23	
17840	10	47.54	2	19	12	45.41	27	21	39.6	Mer.	195	90	
17841	6	46.46	3	19	12	46.24	32	12	....	Tr.	30	98	
17842	9	48.60	2	19	12	47.85	19	58	8.3[10]	Mer.	137	38	[10] Decl. changed one rev. north.
17843	8	48.62	1	19	12	48.67	24	39	48.5	Mer.	138	5	
17844	6.7	49.47	1	19	12	49.49	19	30	36.8[11]	Mu.	259	111	[11] Decl. changed three rev. south.
	8	48.62	3			49.70			....[12]	Tr.	183	12	[12] Decl. changed one rev. north.
17845	10	48.54	2	19	12	54. . .[13]	23	15	....	Mer.	131	56	[13] Separate threads give $54^{s}.59$, $55^{s}.64$.
	8	48.67	2			54.81			22.1	Mer.	148	24	
17846	8	48.55	1	19	12	56.51	21	55	14.8	Mu.	182	59	
	11	48.60	1			56.72			....[14]	Tr.	182	28	[14] Decl. changed one rev. north.
17847	..	51.67	5	19	12	58.11	18	7	....	Tr.	270	1	
	..	51.67	5			58.10			....	Tr.	270	2	
	..	51.67	5			58.14			....	Tr.	270	3	
	5	51.71	5			58.20			30.8	Mu.	279	1	
17848	8	52.56	5	19	13	2.09	17	31	11.4	Tr.	284	3	
17849	10	51.65	5	19	13	5.58	18	34	56.3	Tr.	269	14	
17850	8	46.46	2	19	13	5.60	32	46	52.8	Mu.	25	92	
17851	9	47.65	1	19	13	6.79	28	50	30.1	Mer.	199	23	
17852	8	46.53	1	19	13	8.00	33	10	48.6	Tr.	45	21	
17853	2	51.60	5	19	13	8.05	16	13	53.0	Tr.	268	60	
17854	9	46.52	2	19	13	16.46	35	39	54.7	Tr.	41	22	
17855	10	49.47	1	19	13	16.81	19	23	59.2	Mu.	259	112	
17856	9	48.55	3	19	13	17.23	22	21	4.0	Mu.	181	97	
	10	48.67	2			17.36			4.0	Tr.	192	13	
17857	9	47.70	1	19	13	19.66	29	52	6.2	Mu.	131	24	
17858	9	48.55	3	19	13	28.72	31	8	10.6	Mer.	134	71	
17859	5	46.61	5	19	13	28.92	40	53	28.8	Mer.	49	26	
	5	46.70	5			29.05			28.0	Mer.	59	3[15]	[15] "Too ill defined for accurate observation."
17860	9	47.48	1	19	13	29.70	29	20	35.9	Tr.	125	45	
	6.7	47.66	2			29.73			35.7	Tr.	126	20	
	7	46.61	4			29.87[16]			34.1	Mer.	51	32	[16] R. A. decreased 10 sec.
	6.7	47.71	2			29.91			37.5	Mu.	132	13	
	9	46.48	6			30.01			37.6	Mer.	32	48	
17861	11	48.66	1	19	13	34.91	23	51	31.8	Mu.	196	6	
	8	48.55	4			35.19			34.0	Mer.	132	90	
	10	48.49	1			35.37			....	Mer.	129	89	
17862	8	46.64	3	19	13	40.65	37	21	15.7	Mu.	48	36	
17863	9	48.62	2	19	13	40.79[17]	20	35	45.2	Tr.	184	42	[17] R. A. increased one thread interval.
	9	48.67	2			40.99			45.3	Mer.	146	1	
	9	48.60	2			41.01			48.0	Mu.	188	28	
17864	9	48.49	2	19	13	45.70	27	0	1.0	Mu.	176	73	
	9.10	46.46	2			45.82[18]			0.2	Mer.	28	72	[18] One of three threads rejected; R. A.=$43^{s}.77$.
	8	46.67	2			45.90			....	Tr.	63	12	
17865	8	48.55	1	19	13	46.90	20	55	8.9	Mer.	133	68	
17866	10	49.47	1	19	13	48.49	19	18	6.3	Mu.	259	113	[19] R. A. decreased 30 sec. If thread be assumed as $3^{s}.5$ instead of 35^{s}, as recorded, R. A.= $54^{s}.62$. CiZ gives $53^{s}.0$. Can not be decreased two thread intervals (33 sec.) as observation was made over thread VI.
	9	48.67	1			48.81			9.8	Mu.	201	1	
	9	48.62	1			49.24			....	Tr.	183	13	
17867	10	48.60	1	19	13	56.12[19]	20	36	9.0	Mu.	188	29	
17868	8	46.70	4	19	13	56.32	35	14	54.4	Mu.	54	11	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
17869	10	48.63	1	19	13	57.03	18	50	....	Tr.	185	50	
17870	9	47.59	1	19	13	58.14	25	45	11.1	Mer.	196	1	
	6	46.61	3			58.16			6.9	Tr.	53	69	
	7	47.54	3			58.18			6.9	Mu.	123	70	
	7	48.63	2			58.27			5.2	Mer.	139	80	
	10	48.43	3			58.34[1]			....	Tr.	164	93	[1] R. A. increased two thread intervals.
17871	11	46.40	1	19	13	59.38	38	20	51.3	Tr.	24	6	
17872	8	46.66	4	19	14	3.64	36	13	22.9	Mu.	49	23	
17873	9	46.42	1	19	14	3.89	30	31	7.4	Tr.	25	107	
17874	10	48.55	1	19	14	5.31	21	3	56.7	Mer.	133	69	
17875	9	46.67	2	19	14	7.97	27	16	....	Tr.	63	13	
17876	9	47.54	2	19	14	8.01	27	38	46.0	Mer.	195	91	
	8.9	46.40	3			8.24			46.3	Mer.	24	49	
	9	46.71	3			8.29			46.5	Mer.	63	10	
	8	47.45	3			8.34			47.2	Mu.	119	49	
	9	46.62	1			8.92			47.2	Mu.	45	42	
17877	8	47.65	3	19	14	9.73	28	3	24.7	Mu.	128	41	
	9	46.71	4			9.82			25.7	Mer.	63	11	
	9	46.63	3			9.89			24.4	Mer.	55	16	
	9	46.60	2			10.02			....	Tr.	52	17	
17878	9	46.54	3	19	14	12.52	44	28	....	Mer.	44	10	
17879	10	48.67	2	19	14	13. . .[2]	23	22	14.5	Mer.	148	25	[2] Separate threads give $12^{s}.64$, $13^{s}.95$.
17880	8	46.63	2	19	14	14.56	28	57	5.1	Mu.	47	33	
	9	47.68	2			14.58[3]			6.7	Mu.	130	6	[3] One thread decreased 10 sec.
	9	46.62	3			14.68			6.3	Mer.	52	16	
	9	48.55	1			14.71			5.1	Mu.	183	59	
	8	47.65	1			14.78			2.5	Mer.	199	24	
17881	8	46.53	3	19	14	14.64	33	49	27.8	Mu.	36	47	
17882	8	48.62	2	19	14	17.31	24	30	1.6	Mer.	138	6	
	9	46.62	2			17.37			....	Tr.	57	36	
17883	9	52.56	5	19	14	18.42	17	48	6.0	Tr.	284	4	
17884	9	48.60	2	19	14	21.33	20	14	1.8[4]	Mer.	137	39	[4] If micrometer reading be assumed as 45.654 instead of 45.954 rev., as recorded, Decl. = 12″.1. Mü$_2$ gives 12″.
	10	48.49	1			21.45			....	Tr.	169	105	
	10	48.62	2			21.60			12.2	Mu.	189	10	
17885	8	47.65	1	19	14	22.27	28	57	35.6	Mer.	199	25	
	8	46.63	3			22.44			35.7	Mu.	47	34	
	9	46.62	4			22.49			38.7	Mer.	52	17	
	9	47.68	3			22.54			39.3	Mu.	130	7	
	9	48.55	3			22.70[5]			37.1	Mu.	183	60	[5] One thread increased one thread interval.
	7	47.71	1			22.78			36.5	Mu.	132	14	
17886	9	47.54	1	19	14	25.40[6]	27	40	61.2	Mer.	195	92	[6] R. A. increased one thread interval.
	8.9	46.40	1			25.53			58.0	Mer.	24	50	
17887	8.9	46.61	1	19	14	32.90	31	2	0.9	Mu.	44	49[7]	[7] Unidentified. Looked for with equatorial but not found.
17888	10	48.55	1	19	14	33.85	28	59	14.1	Mu.	183	61	
	9	47.68	1			34.05			11.8	Mu.	130	8	
	9	47.65	1			34.25			13.0	Mer.	199	26	
17889	9	51.67	5	19	14	46.27	18	8	....	Tr.	270	4	
	7	51.71	5			46.36			12.9	Mu.	279	2	
17890	10	48.43	1	19	14	55.46	25	37	....	Tr.	164	94	
	9	46.61	1			55.63			48.0	Tr.	53	70	
	8	48.63	3			55.88			53.4	Mer.	139	81	
17891	11	46.46	2	19	14	55.67	31	53	....	Tr.	30	99	
17892	10	48.60	1	19	14	57.37	19	57	20.5	Mer.	137	40	
17893	7	46.61	2	19	14	59.96	31	4	56.1	Mu.	44	50	
	7	48.55	3			60.12			57.4	Mer.	134	72	
	7	46.42	2			60.14			56.9	Tr.	25	108	
17894	10	48.54	1	19	15	0.88	23	20	....[8]	Mu.	180	26	[8] Decl. changed five rev. north.
	9	48.67	1			1.05			45.9	Mer.	148	26	
	10	48.63	1			1.54			45.1	Mu.	193	4	
	10	48.54	2			1.59			....	Mer.	131	57	
17895	10	48.66	1	19	15	1.17	23	35	50.3	Mu.	196	7	
	8	48.55	2			1.25			49.9	Mer.	132	91	
	9	48.63	2			1.57			51.7	Tr.	186	1	
17896	11	46.52	3	19	15	1.48	35	45	53.4	Tr.	41	23	
17897	9	48.55	1	19	15	1.55	22	2	12.2	Mu.	182	60	
	9	48.55	1			2.13			14.2	Mu.	182	61	
	10	48.60	2			2.44			....	Tr.	182	29	
17898	6	51.60	5	19	15	2.07	16	5	40.2	Tr.	268	61	
17899	9	48.62	2	19	15	3.23	20	29	7.0	Tr.	184	43	
	9	48.67	1			3.20			11.0	Mer.	146	2	
17900	11	46.66	2	19	15	5.18	39	34	....	Tr.	60	6	
17901	9	48.55	..	19	15	8. . .	28	53	59.1[9]	Mu.	183	62	[9] Decl. changed ten rev. south.
	8.9	47.68	1			8.06			57.2	Mu.	130	9	
	9	46.62	4			8.27			....	Mer.	52	18	
	8	46.63	1			8.55[10]			60.2	Mu.	47	35	[10] Thread assumed as $44^{s}.0$ instead of $40^{s}.0$: observer doubtful.
17902	6.7	46.63	5	19	15	8.64	28	9	1.1	Mer.	55	17	
	6.7	46.71	4			8.70			1.9	Mer.	63	12	
	8	47.40	6			8.86			0.8	Mer.	189	125	
	6	47.65	5			8.89			1.0	Mu.	128	42	
	4	46.60	5			8.89			....	Tr.	52	18	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
17903	8	52.56	5	19	15	8.92	17	28	41.2	Tr.	284	5	
17904	9	48.55	1	19	15	9.28	23	43	23.8	Mer.	132	92	
	..	48.49	2			9.43			....	Mer.	129	90	
17905	8.9	46.40	2	19	15	14.75[1]	27	17	48.4[2]	Mer.	24	51	[1] R. A. decreased two thread intervals.
	9.10	46.46	2			14.80			52.0	Mer.	28	73	[2] Decl. changed one rev. south.
	8.9	47.45	1			14.90			53.0	Mu.	119	50	
	8	46.67	2			15.13			....	Tr.	63	14	
17906	9	46.46	3	19	15	16.87	32	11	....	Tr.	30	100	
17907	9.10	48.55	2	19	15	24.42	22	54	14.7	Mu.	181	98	
17908	11	48.55	1	19	15	25.25	25	4	40.8	Tr.	174	87	
17909	9	46.46	3	19	15	26.26	32	31	35.8	Mu.	25	93	
17910	10	48.66	1	19	15	30.72	23	27	31.0	Mu.	196	8	
	8	48.67	1			31.65			30.8	Mer.	148	27	
	10	48.54	1			31.65			....	Mer.	131	58	
	9	48.63	1			32.10			31.0	Mu.	193	5	
17911	9	48.60	2	19	15	35.46	19	59	57.5	Mer.	137	41	
	10	48.49	1			35.54			....	Tr.	169	106	
	9	48.62	3			35.79			61.0	Mu.	189	11	
17912	8	46.71	2	19	15	36.71	29	35	36.3	Mer.	61	1	
	6	47.71	3			36.83			37.5	Mu.	132	15	
	8	47.48	3			36.83			37.1	Tr.	125	46	
	5.6	47.66	4			36.87			37.9	Tr.	126	21	
	6.7	46.61	5			36.92			38.9	Mer.	51	33	
	6	47.70	4			36.93			37.6	Mu.	131	25	
	8	46.48	2			37.08			40.6	Tr.	32	90	
17913	9	48.55	2	19	15	38.11	22	51	30.4	Mu.	181	99	
	9	48.67	2			38.21			32.8	Tr.	192	14	
17914	8	48.63	2	19	15	42.41[3]	19	12	47.4	Mer.	141	1	[3] Separate threads give $42^{s}.05$, $42^{s}.78$. Gou gives $43^{s}.5$.
	8	48.67	2			43.39			50.5	Mu.	201	2	
	10	49.47	1			43.69			48.9	Mu.	259	114	
	10	48.62	1			44.23			....	Tr.	183	14	
17915	9	48.67	2	19	15	43.98[4]	20	26	34.6	Mer.	146	3	[4] R. A. decreased 1 min.
	10	48.60	1			43.99[5]			31.6	Mu.	188	30	[5] R. A. increased one thread interval.
17916	10	46.38	2	19	15	47.18	34	34	19.5	Tr.	20	62	
17917	9	47.64	1	19	15	54.87	26	8	6.2	Mu.	127	46	
17918	9	46.38	2	19	15	58.08	34	41	42.1	Tr.	20	63	
	9	46.52	1			58.23			39.0	Tr.	35	1	
17919	9	46.42	1	19	16	0.47	30	34	59.6	Tr.	25	109	
17920	10	48.55	2	19	16	0.68	20	58	44.3[6]	Mer.	133	70	[6] Decl. changed one rev. north.
17921	9	48.54	2	19	16	3. . .[7]	23	19	....	Mer.	131	59	[7] R. A. decreased 50 sec. Separate threads give $4^{s}.62$, $3^{s}.75$.
	9	48.54	2			3.71[8]			42.7[9]	Mu.	180	27	
	9	48.63	3			3.84			39.9[10]	Mu.	193	6	[8] One thread decreased 10 sec.
	7	48.67	2			3.85[11]			41.3	Mer.	148	28	[9] Decl. changed five rev. north.
17922	8	48.55	2	19	16	5. . .[12]	23	38	42.6	Mer.	132	93	[10] Decl. changed one rev. north.
	10	48.49	2			5.11			....	Mer.	129	91	[11] R. A. increased 1 min.
	9	48.63	2			5.53			39.5	Tr.	186	2	[12] Separate threads give $5^{s}.38$, $4^{s}.50$.
17923	7	51.65	5	19	16	5.38	18	54	18.1	Tr.	269	15	
	9	48.63	3			5.85			....	Tr.	185	51	
17924	5	48.55	3	19	16	8.16	24	47	38.3	Tr.	174	88	
	4	48.62	1			8.17			43.5	Mer.	138	7	
	5.6	48.54	1			8.34			39.4[13]	Tr.	173	24	[13] Decl. changed one wire interval and two rev. south.
	7	48.63	3			8.35			41.7	Mu.	191	56	
	8	47.66	3			8.39			....	Mer.	104	12	
	5	46.61	3			8.54			38.6	Mu.	42	56	
	4	46.62	3			8.58			....	Tr.	57	37	
	4	48.43	1			8.85			40.8	Mu.	170	85	
17925	10	48.55	2	19	16	10.55	21	0	11.1	Mer.	133	71	
17926	11	46.40	1	19	16	13.98	38	31	21.8	Tr.	24	7	
17927	6.7	48.54	1	19	16	15.12	24	41	63.1[14]	Tr.	173	25	[14] Decl. changed one wire interval north.
	7	48.62	2			15.12			67.0	Mer.	138	8	
	8	46.62	1			15.46			....	Tr.	57	38	
	9	46.61	4			15.57			59.7	Mu.	42	57	
17928	9	46.54	2	19	16	17.65	30	23	49.4	Mu.	37	96	
17929	11	49.47	1	19	16	17.73	19	20	27.8	Mu.	259	115	
	9	48.63	1			18.40[15]			29.5	Mer.	141	2	[15] R. A. decreased one thread interval
17930	9	46.62	3	19	16	20.32	28	58	9.3	Mer.	52	19	
17931	8	51.67	5	19	16	20.78	17	58	....	Tr.	270	5	
17932	6	51.65	5	19	16	22.42	18	50	51.7	Tr.	269	16	
	9	48.63	2			22.64			....	Tr.	185	52	
17933	4	48.43	1	19	16	24.53	24	15	4.4	Mu.	170	86	
	4	48.62	1			24.55			1.5	Mer.	138	9	
17934	9	47.54	2	19	16	25.58[16]	27	50	24.0	Mer.	195	93	[16] R. A. increased 1 min.
	9	47.65	1			26.11			21.5	Mu.	128	43	
17935	8	51.71	5	19	16	39.65	17	55	55.7	Mu.	279	3	
17936	10	46.40	1	19	16	42.01	37	56	3.2	Tr.	24	8	
17937	8	48.55	4	19	16	43.83	22	44	20.5	Mu.	181	100	
	8.9	48.67	2			43.91			21.9	Tr.	192	15	
17938	9	48.60	1	19	16	44.44	19	40	5.8	Mer.	137	42	
17939	9	46.69	3	19	16	55. . .[17]	42	34	12.2	Mer.	57	5	[17] Separate threads give $55^{s}.75$, $54^{s}.97$, $54^{s}.46$.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
17940	11	48.62	1	19	16	54.99	19	27	....	Tr.	183	15	
	10	48.67	2			55.10			46.8	Mu.	201	3	
	8	48.63	1			55.19[1]			42.7	Mer.	141	3	[1] R. A. decreased one thread interval.
	11	49.47	1			55.25			44.4	Mu.	259	116	
17941	9	46.69	1	19	16	59.87	42	16	45.8	Mer.	57	6	
17942	8	48.55	4	19	17	0.92	31	34	53.6[2]	Mer.	134	73	[2] Horizontal wire assumed.
17943	9	48.67	2	19	17	1...[3]	20	50	21.5	Mer.	146	4	[3] Separate threads give $1^{s}.34$, $2^{s}.66$. AW gives $1^{s}.8$.
	9	48.60	1			1.62[4]			23.0[5]	Mu.	188	31	
17944	9	51.65	5	19	17	3.65[6]	18	36	22.5	Tr.	269	17	[4] R. A. increased one thread interval.
17945	11	48.60	2	19	17	11.41	21	50	....	Tr.	182	30	[5] Reduced for wire 2, 20 rev. instead of wire 4, 20 rev., as recorded.
	8	48.55	1			11.83			6.8	Mu.	182	62	
17946	10	48.67	1	19	17	21.63	22	13	53.4	Tr.	192	16	[6] First three threads increased 1 sec. each. No chronograph tape found for this date.
	9	48.55	1			21.65			53.3	Mu.	181	101	
17947	6	48.60	2	19	17	21.91	22	4	....	Tr.	182	31	
	6	48.55	1			22.20			7.6	Mu.	182	63	
17948	9	46.47	4	19	17	23.03	40	23	9.3	Mer.	29	7	
17949	9	48.60	1	19	17	24.06	20	52	50.0	Mu.	188	32	
17950	8	46.46	3	19	17	26.61	31	58	....[7]	Tr.	30	101	[7] Decl. changed one wire interval south.
17951	6	47.70	5	19	17	27.42	30	2	3.8	Mu.	131	26	
	6	46.54	3			27.47			5.0	Mu.	37	97	
17952	7.8	46.46	4	19	17	27.53	26	36	37.8	Mer.	28	74	
	9	48.55	4			27.60			....	Tr.	178	44	
	7	46.71	4			27.62			39.6	Mu.	56	3	
	7	47.64	3			27.76			39.3	Mu.	127	47	
	7	48.49	3			27.93			41.3	Mu.	176	74	
17953	8	47.54	1	19	17	32.80	25	52	31.1	Mu.	123	71	
	8	46.61	2			32.93			27.9[8]	Tr.	53	71	[8] Decl. changed one wire interval south.
	8.9	47.59	1			32.97			30.8	Mer.	196	2	
	10	48.43	4			33.35			....	Tr.	164	95	
	7.8	47.64	1			33.36			28.6	Mu.	127	48	
17954	9	48.55	2	19	17	33.26	21	32	15.1[9]	Mer.	133	72	[9] Decl. changed two rev. north.
17955	9	47.48	2	19	17	39.95[10]	29	35	58.2	Tr.	125	47	[10] R. A. decreased one thread interval.
	8	47.71	4			40.03			59.6	Mu.	132	16	
	9	47.66	2			40.09			62.4	Tr.	126	22	
	9	46.71	3			40.22			62.1	Mer.	61	2	
17956	9	46.54	3	19	17	40.86	44	10	....[11]	Mer.	44	11	[11] Decl. changed one wire interval north.
17957	9	48.67	1	19	17	41.11	20	52	47.1	Mer.	146	5	
	8	48.62	2			41.12			47.4	Tr.	184	44	
17958	8	46.46	6	19	17	41.32	41	7	49.1	Mer.	26	109	
	9	46.70	5			41.55			46.9	Mer.	59	4	
17959	9	52.56	5	19	17	42.39	17	25	34.2	Tr.	284	6	
17960	10	47.71	4	19	17	42.82	27	4	32.9	Mer.	107	1	
	8	46.67	2			43.02			....	Tr.	63	15	
17961	8	48.55	4	19	17	45.32	31	14	39.1	Mer.	134	74	
	8	46.61	4			45.37			40.9	Mu.	44	51	
17962	8	48.62	1	19	17	52.36	24	20	25.1	Mer.	138	10	
	8	46.62	2			52.47			....	Tr.	57	39	
	6	48.43	1			52.65			27.1	Mu.	170	87	
17963	9	46.67	3	19	18	3.22	27	13	....	Tr.	63	16	
17964	10	47.54	1	19	18	5.54	27	42	36.9	Mer.	195	94	
17965	10	47.48	2	19	18	10.39	26	29	36.2[12]	Mer.	102	23	[12] Decl. changed seven rev. south.
	11	48.55	1			10.87			....	Tr.	178	45	
17966	9	47.66	3	19	18	10.95	26	13	51.4	Mu.	129	1	
17967	9	48.55	1	19	18	11.06	21	55	10.9	Mu.	182	64	
17968	8	48.66	2	19	18	15.92	23	38	30.2	Mu.	196	9	
	8	48.55	3			16.07			43.0[13]	Mer.	132	94	[13] Micrometer reading practically the same as that of Mer. 132, No. 93.
	9	48.63	3			16.12			24.6	Tr.	186	3	
	10	48.49	4			16.30			....	Mer.	129	92	
17969	8	46.69	4	19	18	17.80	42	24	50.6	Mer.	57	7	
17970	8	48.67	4	19	18	22.41	22	54	42.3	Mer.	148	29	
17971	7.8	47.70	1	19	18	23.73	29	47	40.7	Mu.	131	27	
	7	47.71	1			23.86			43.6	Mu.	132	17	
	8	46.54	2			23.93			40.0	Mu.	37	98	
	9	46.71	2			23.98			37.2	Mer.	61	3	
	8	46.61	2			24.42			43.1	Mer.	51	34	
17972	9	47.70	1	19	18	24.61	29	53	17.6	Mu.	131	28	
17973	7	46.52	3	19	18	26.98	35	25	29.3	Tr.	41	24	
17974	10	48.60	1	19	18	27.19	20	15	32.0	Mer.	137	43	
17975	10	48.55	1	19	18	27.81	20	56	59.0	Mer.	133	73	
	12	48.56	1			28.15			....	Tr.	180	1	
17976	9.10	47.68	3	19	18	34.85[14]	28	53	54.9	Mu.	130	10	[14] One of four threads rejected; R. A.=$33^{s}.89$.
	9	46.62	4			35.15			55.4	Mer.	52	20	
17977	7	48.62	2	19	18	43.44	20	39	38.7[15]	Tr.	184	45	[15] Decl. changed one wire interval north.
	8	48.60	1			43.74[16]			33.7	Mu.	188	33	[16] R. A. increased one thread interval.
	9	48.67	2			43.95			37.0	Mer.	146	6	
17978	10	46.66	2	19	18	43.49	39	30	....	Tr.	60	7	
17979	10	48.63	1	19	18	43.78	19	29	58.7	Mer.	141	4	
17980	8	51.60	5	19	18	45.53	16	31	24.4	Tr.	268	62	
17981	7.8	46.66	4	19	18	49.54	36	17	56.2	Mu.	49	24	
17982	7	48.55	2	19	18	51.69	31	40	50.7	Mer.	134	75	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
17983	10	46.62	2	19	18	51.82	24	19	....	Tr.	57	40	
17984	9	46.71	1	19	18	54.84	29	41	8.9	Mer.	61	4	
	9	46.54	2			54.92			1.3	Mu.	37	99	
	8	47.66	2			54.95			7.5	Tr.	126	23	
	8	47.70	1			55.01			7.7	Mu.	131	29	
	7.8	47.71	2			55.17			8.8	Mu.	132	18	
17985	9.10	47.68	2	19	18	55.56	28	48	6.7	Mu.	130	11	
17986	9	48.63	1	19	18	56.32[1]	18	38	....	Tr.	185	53	[1] One thread recorded on this star is assumed to belong to Tr. 185, No. 54.
	7	51.65	5			56.39			50.8	Tr.	269	18	
	8	48.72	5			56.51			47.4	Mu.	205	1	
17987	8.9	46.46	7	19	18	59.55	41	14	37.8	Mer.	26	110	
17988	10	48.67	1	19	19	1.87	19	3	58.0	Mu.	201	4	
	10	48.62	1			1.90			....	Tr.	183	17	
	11	49.47	1			2.13			54.3	Mu.	259	118	
17989	7	48.67	2	19	19	2.25	23	10	19.5	Mer.	148	30	
	8	48.63	3			2.41			19.5	Mu.	193	7	
	10	48.54	1			2.53			18.2	Mu.	180	28	
	10	48.54	2			2.70[2]			....	Mer.	131	60	[2] R. A. decreased 1 min.
17990	10	46.66	2	19	19	3.82	39	25	....	Tr.	60	8	
17991	8	46.66	3	19	19	4.65	36	5	44.8[3]	Mu.	49	25	[3] Decl. changed one rev. north. If micrometer reading be assumed as 42.99 instead of 42.099 rev., as recorded, Decl.=51″.7. Gou gives 55″. GZ gives 53″.
17992	9	48.60	1	19	19	14.15[4]	20	48	51.4	Mu.	188	34	
17993	8	48.63	3	19	19	15.95	19	38	25.2	Mer.	141	5	
	10	49.47	2			15.95			25.2	Mu.	259	117	
	8	48.62	4			15.95			23.8	Mu.	189	12	[4] R. A. increased one thread interval.
	8	48.67	2			16.10			27.6[5]	Mu.	201	5	[5] Decl. changed five rev. north.
	10	48.62	1			16.23			....	Tr.	183	16	
17994	9	48.63	1	19	19	21.44[6]	18	39	....	Tr.	185	54	[6] One thread recorded on Tr. 185, No. 53, is assumed to belong to this star.
	8	48.72	4			21.50			26.3	Mu.	205	2	
17995	10	48.63	1	19	19	22.46	24	0	8.8[7]	Tr.	186	4	[7] Decl. changed two rev. south.
17996	9	46.48	4	19	19	28.31[8]	29	16	12.3	Mer.	32	49	[8] One of five threads rejected; R. A.=$27^{s}.48$.
	8	46.61	2			28.34			14.7	Mer.	51	35	
	9	46.71	2			28.35			12.1	Mer.	61	5	
	8.9	46.62	4			28.41[9]			13.7	Mer.	52	21	[9] R. A. increased 1 min.
	7.8	47.66	1			28.54			11.5	Tr.	126	24	
	8	47.48	2			28.59			7.7	Tr.	125	48	
	7	47.71	1			28.73			11.6	Mu.	132	19	
17997	11	48.55	2	19	19	35. . .[10]	24	57	30.7	Tr.	174	89	[10] Separate threads give $35^{s}.28$, $36^{s}.23$.
	10	47.66	2			35.10			....	Mer.	104	13	
17998	9	47.66	3	19	19	36.63	26	11	52.9	Mu.	129	2	
	8	47.64	1			36.87			53.9	Mu.	127	50	
	7	47.64	3			36.88			55.4	Mu.	127	49	
	8	46.71	3			37.01			60.6	Mu.	56	4	
17999	8	51.60	5	19	19	36.66	16	30	35.6	Tr.	268	63	
18000	10	48.55	2	19	19	41.28	21	17	27.7	Mer.	133	74	
18001	8	48.55	3	19	19	41.59	31	24	23.1	Mer.	134	76	
18002	10	48.67	1	19	19	44.18	22	57	45.3	Mer.	148	31	
18003	8	46.52	1	19	19	44.40	35	23	6.8	Tr.	41	25	
	9	46.70	5			44.82			4.8	Mu.	54	12	
18004	8	46.46	1	19	19	44.98	32	48	47.4	Mu.	25	94	
18005	9	51.71	5	19	19	46.22	18	1	26.8	Mu.	279	5	
18006	7	46.66	2	19	19	48.29	39	36	....	Tr.	60	9	
18007	9	46.73	2	19	19	50.18	38	52	10.9	Mu.	62	1	
18008	10	47.59	1	19	19	50.80	25	58	6.5	Mer.	196	3	
18009	8	51.71	4	19	19	52.40[11]	18	8	9.9	Mu.	279	4	[11] One of five threads rejected; R. A.=$52^{s}.75$.
	9	51.67	5			52.41			....	Tr.	270	6	
18010	10	46.46	2	19	19	53.47	32	3	....[12]	Tr.	30	102	[12] Decl. changed one wire interval south.
18011	9	48.62	4	19	19	55.30	24	31	34.0[13]	Mer.	138	11	[13] Decl. changed one rev. south.
18012	8	47.70	1	19	19	56.51	30	0	33.8	Mu.	131	30	
18013	9	48.60	2	19	19	57.56	20	1	25.4	Mer.	137	44	
18014	8	46.71	1	19	19	59.11	26	3	37.3	Mu.	56	5	
18015	10	48.43	4	19	20	4.79	25	46	....	Tr.	164	96	
	8	46.61	2			4.89			3.2	Tr.	53	72	
	7.8	47.54	4			4.94			7.4	Mu.	123	72	
	9	47.59	1			5.26			8.4[14]	Mer.	196	4	[14] Decl. changed one rev. south.
18016	7	46.61	5	19	20	7.46	31	5	20.8	Mu.	44	52	
	8	46.42	2			7.80			21.2	Tr.	25	110	
18017	9	48.62	2	19	20	17.71	20	37	58.0	Tr.	184	46	
18018	9	46.70	3	19	20	25.39	40	45	32.6	Mer.	59	5	
18019	10	47.48	1	19	20	[4.44]	26	6	14.9	Mer.	102	24	
	8.9	47.64	1			25.47			16.3	Mu.	127	51	
	9	46.71	1			25.83			14.5	Mu.	56	6	
	9	47.66	2			25.87			14.4	Mu.	129	3	
18020	8	46.62	2	19	20	25.96	24	30	....	Tr.	57	41	
	9	48.62	3			26.25			55.3	Mer.	138	12	
	7	48.43	1			26.38			57.7	Mu.	170	88	
18021	9	47.54	2	19	20	31.69	27	44	16.5[15]	Mer.	195	95	[15] Decl. changed one rev. south.
	8.9	46.40	2			32.04			14.7	Mer.	24	53	
	8	47.45	2			32.09			27.2	Mu.	119	51	
	8.9	46.71	6			32.09			17.2	Mer.	63	13	
	8	46.62	2			32.11			16.7	Mu.	45	43	
	7	47.65	2			32.24			16.4	Mu.	128	44	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
18022	9	46.54	1	19	20	33.46	29	57	58.4	Mu.	37	100	
	8	47.70	1			33.53			54.8	Mu.	131	31	
18023	5	46.62	2	19	20	34.71	27	17	14.7	Mu.	45	45	
	5.6	47.45	1			34.79			14.9	Mu.	119	53	
	6.7	46.46	6			35.16			17.4	Mer.	28	75	
	5	46.67	2			35.20			....	Tr.	63	17	
	7	46.40	2			35.35			14.0	Mer.	24	52	
	7	47.71	4			35.39			16.9	Mer.	107	2	
	4	48.49	3			35.60			14.2	Mu.	176	75	
18024	6	46.46	3	19	20	35.02	32	23	....	Tr.	30	103	
18025	9	48.49	1	19	20	38.73	27	9	41.1	Mu.	176	76	
18026	8	48.63	2	19	20	40.53	19	9	30.5[1]	Mer.	141	6	[1] Decl. changed one wire interval south.
	10	49.47	1			41.61			28.3	Mu.	259	119	
18027	10	46.40	3	19	20	40.95	38	25	36.9	Tr.	24	9	
18028	8	46.52	1	19	20	41.77	34	12	56.9	Tr.	35	2	
18029	9	47.54	1	19	20	43.41	27	39	2.6	Mer.	195	96	
	8	46.62	1			43.48			5.2	Mu.	45	44	
	8	46.71	4			43.52			7.3	Mer.	63	14	
	8.9	47.45	1			43.69			2.3	Mu.	119	52	
18030	10	48.55	2	19	20	48.24	21	38	23.8	Mer.	133	75	
	..	48.55	1			48.90			29.7	Mu.	182	65	
	11	48.60	3			48.94			....	Tr.	182	32	
	11	48.56	5			48.99			....	Tr.	180	2	
18031	10	48.63	1	19	20	50.03	19	33	45.2	Mer.	141	7	
18032	9	48.60	1	19	20	53.58	19	47	43.3[2]	Mer.	137	45	[2] Decl. changed one wire interval north.
18033	9	46.53	2	19	20	57.10	34	3	38.3	Mu.	36	48	
18034	10	48.55	2	19	20	58.33	24	59	53.0	Tr.	174	90	
	9	46.61	2			58.75			50.6	Mu.	42	58	
18035	8	47.54	1	19	21	1.26	25	49	16.8	Mu.	123	74	
	9	47.59	1			1.71[3]			17.3	Mer.	196	5	[3] R. A. increased one thread interval.
18036	7	47.54	1	19	21	1.95	25	44	29.8	Mu.	123	73	
	7	46.61	3			2.13			31.1	Tr.	53	73	
	10	48.43	3			2.38			....	Tr.	164	97	
	9	47.59	1			2.61[4]			28.6	Mer.	196	6	[4] R. A. increased one thread interval.
18037	10	48.55	1	19	21	12.60	22	16	56.0	Mu.	181	102	
	11	48.67	1			12.75			58.2	Tr.	192	17	
18038	9	48.60	2	19	21	14.46	19	51	31.2	Mer.	137	46	
18039	8.9	46.69	4	19	21	15.35	42	44	17.6	Mer.	57	8	
18040	7.8	46.53	1	19	21	15.43	33	0	11.4	Tr.	45	22	
18041	8	48.63	1	19	21	22.06	19	41	27.3	Mer.	141	8	
	10	48.62	1			22.24			....	Tr.	183	18	
	9	48.67	2			22.34			26.1	Mu.	201	6	
	10	49.47	1			22.36			25.3	Mu.	259	120	
	9	48.62	1			22.40			27.0	Mu.	189	13	
18042	8	51.71	5	19	21	22.72	17	51	57.5	Mu.	279	6	
18043	8	47.71	1	19	21	23.74	29	41	16.7	Mu.	132	20	
	9	47.46	1			23.83			18.7	Tr.	122	82	
	9.10	46.71	2			23.96			16.6	Mer.	61	6	
	9	47.66	2			24.15			13.9[5]	Tr.	126	25	[5] Decl. changed one rev. north.
18044	11	46.66	2	19	21	24.39	39	32	....	Tr.	60	10	
18045	10	48.63	2	19	21	25.08	18	32	....	Tr.	185	55	
	9	48.72	3			25.60			53.5	Mu.	205	3	
	7	51.65	5			25.82			50.2	Tr.	269	19	
18046	6	51.60	5	19	21	27.04	16	16	49.1	Tr.	268	64	
18047	10	47.66	3	19	21	30.52[6]	24	53	....	Mer.	104	14	[6] R. A. decreased 1 min.
	9	46.61	1			30.68			17.6	Mu.	42	59	
18048	11	46.60	1	19	21	36.24	28	7	....	Tr.	52	19	
18049	9	46.46	3	19	21	37.35	32	2	....	Tr.	30	104	
18050	8	46.54	1	19	21	38.29	29	47	57.3	Mu.	37	101	
	9	46.48	1			39.27			58.9	Tr.	32	91	
	7	47.70	1			39.33			58.9	Mu.	131	32	
	8	46.71	2			39.35			62.1	Mer.	61	7	
	7.8	46.61	3			39.65			63.5[7]	Mer.	51	36	[7] Decl. changed one rev. north.
	8	47.46	2			39.70			62.2	Tr.	122	83	
	7	47.71	2			39.71			63.6	Mu.	132	21	
	8	47.48	2			40.03[8]			58.6[9]	Tr.	125	49	[8] Separate threads give $39^{s}.66$, $40^{s}.39$.
18051	8	46.71	1	19	21	46.76	25	50	28.5	Mu.	56	8	[9] Decl. changed one wire interval north.
18052	9	47.68	3	19	21	49.41	28	38	30.9[10]	Mu.	130	12	[10] Decl. changed five rev. south.
	8	46.63	3			49.50			30.8	Mu.	47	36	
	8.9	46.62	5			49.51			31.5	Mer.	52	22	
	9	46.63	4			49.70			29.0	Mer.	55	18	
	9	48.55	3			49.70			31.4[11]	Mu.	183	63	[11] Decl. changed one rev. north.
18053	9	46.71	4	19	21	49.99	28	0	36.3	Mer.	63	15	
	8	47.65	1			50.23			39.0	Mu.	128	45	
18054	6	46.62	2	19	21	50.11	24	15	....	Tr.	57	42	
	8	48.62	3			50.27			31.3	Mer.	138	13	
	6	48.43	1			50.44			29.0	Mu.	170	89	
18055	8	46.66	5	19	21	50.57	36	16	4.1	Mu.	49	26	
18056	9	48.72	..	19	21	51...	18	31	56.9	Mu.	205	5	
18057	8	48.72	3	19	21	57.77	18	37	51.5	Mu.	205	4	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
18058	10	48.63	2	19	21	58.08	23	25	50.3	Tr.	186	5	
18059	7	48.55	1	19	21	58.62[1]	21	37	8.9	Mu.	182	66	[1] Time of transit recorded as 0^s.1. If assumed as 1^s, R. A.=59^s.52. Gou gives 59^s.6. See note on No. 18210$_1$.
	8.9	48.55	3			59.35			12.8	Mer.	133	76	
	6	48.60	1			59.86			....[2]	Tr.	182	34	
18060	10	46.60	1	19	21	58.85	28	15	....	Tr.	52	20	[2] Decl. changed one wire interval south.
18061	7	46.71	2	19	22	5.06	26	2	33.3	Mu.	56	7	
	7	47.54	1			5.07			....	Mu.	123	75	
	5	46.61	3			5.14			38.5	Tr.	53	74	
	8	47.66	4			5.31			35.0	Mu.	129	4	
	7	47.64	2			5.37			36.2	Mu.	127	52	
	10	47.48	1			5.45			34.7	Mer.	102	25	
18062	8	48.55	1	19	22	5.57	21	44	20.1	Mu.	182	67	
	10	48.60	1			5.85			....[3]	Tr.	182	33	[3] Decl. changed one rev. south.
18063	7	48.43	1	19	22	6.15	24	24	7.0	Mu.	170	90	
	8	48.62	1			6.42			2.5	Mer.	138	14	
	7	46.62	2			6.47			....	Tr.	57	43	
18064	..	52.56	5	19	22	7.90	17	30	33.3	Tr.	284	7	
18065	6	51.60	5	19	22	11.13	16	28	27.4	Tr.	268	65	
18066	9	47.71	1	19	22	12.55	29	40	53.9	Mu.	132	22	
18067	10	48.66	1	19	22	12.63	23	55	23.2	Mu.	196	10	
	9	48.55	2			12.71[4]			23.4	Mer.	132	95	[4] One of three threads rejected; R. A.=13^s.61.
18068	10	46.66	1	19	22	14.37	39	27	....	Tr.	60	11	
18069	9	52.56	5	19	22	16.26	17	32	32.7	Tr.	284	8	
18070	9	48.55	1	19	22	31.37	21	20	54.1	Mer.	133	77	
	10	48.56	2			31.39			....	Tr.	180	3	
18071	9	46.53	3	19	22	35.82	34	4	5.9	Mu.	36	49	
18072	9	48.62	2	19	22	39.00[5]	20	43	41.5	Tr.	184	47	[5] One thread decreased 10 sec.
	9	48.60	1			39.41			47.1	Mu.	188	35	
18073	7	52.56	5	19	22	39.45	16	42	23.4	Mer.	250	1	
18074	9	46.52	3	19	22	39.65	35	46	9.4	Tr.	41	26	
18075	8	48.63	3	19	22	40.30	23	24	27.7[6]	Mu.	193	8	[6] Decl. changed five rev. north.
	7	48.67	2			40.37			29.8	Mer.	148	32	
	7	48.63	2			40.38			28.9	Tr.	186	6	
	9	48.54	1			40.96			32.3	Mu.	180	29	
18076	7	48.55	4	19	22	41.37	31	23	8.4	Mer.	134	77	
	8	46.61	2			41.39			8.3	Mu.	44	53	
18077	7	47.65	1	19	22	41.38	28	31	25.0	Mu.	128	47	
	7	46.63	3			41.50			23.9	Mu.	47	37	
	8	47.68	3			41.59			21.1	Mu.	130	13	
	8	47.65	1			41.67			25.3	Mer.	199	27	
	8.9	46.63	3			41.73			22.4	Mer.	55	19	
	8.9	48.55	2			41.79[7]			23.6	Mu.	183	64	[7] One of three threads rejected; R. A.=41^s.01.
18078	11	48.55	1	19	22	42.93	25	14	45.9	Tr.	174	91	
18079	9	51.67	5	19	22	44.76	17	59	....	Tr.	270	7	
	9	48.72	2			44.78			8.8	Mer.	149	1	
	9	51.71	5			44.81			3.7	Mu.	279	7	
18080	9	46.53	1	19	22	50.68	33	12	51.2	Tr.	45	23	
18081	9	47.68	2	19	22	51...[8]	28	41	5.1	Mu.	130	14	[8] Separate threads give 50^s.62, 51^s.54.
	8	47.65	1			51.31			10.9	Mer.	199	28	
	9	48.55	1			51.37			6.6	Mu.	183	65	
	8.9	46.62	5			51.69			6.5	Mer.	52	23	
	8	46.63	1			51.76			4.4	Mu.	47	38	
	9	46.63	2			51.95			9.1	Mer.	55	20	
18082	9	46.71	3	19	22	53.79	28	3	36.4	Mer.	63	16	
	7.8	47.65	1			53.82			36.7	Mu.	128	46	
18083	6	46.61	1	19	22	54.82	31	10	48.6	Mu.	44	54	
	6	48.55	1			55.36			45.2	Mer.	134	79	
18084	9	48.66	1	19	22	54.85	23	53	14.0	Mu.	196	11	
	9	48.55	1			55.51			6.0[9]	Mer.	132	96	[9] If micrometer reading be assumed as 42.383 instead of 42.583 rev., as recorded, Decl = 12″.9.
	10	48.49	2			55.66			....	Mer.	129	93	
18085	9	48.60	2	19	22	55.20	19	41	47.9	Mer.	137	47	
	9	48.62	3			55.33			....	Tr.	183	19	
	6	48.63	3			55.34			46.5	Mer.	141	9	
	8	48.62	4			55.41			46.8	Mu.	189	14	
	9	49.47	1			55.43			45.6	Mu.	259	121	
	7	48.67	3			55.63			48.5	Mu.	201	7	
18086	7	48.55	1	19	22	55.36	31	16	54.6	Mer.	134	78	
18087	9	52.56	5	19	23	2.36	17	32	28.7	Tr.	284	9	
18088	9	46.67	2	19	23	6.34[10]	26	40	....	Tr.	63	18	[10] R. A. increased one thread interval.
18089	7	51.65	5	19	23	12.32	18	58	4.0	Tr.	269	20	
	10	48.63	2			12.78			....	Tr.	185	56	
18090	11	46.52	1	19	23	15.18	34	42	44.0	Tr.	35	3	
18091	9	48.62	2	19	23	15...[11]	20	42	37.5	Tr.	184	48	[11] Separate threads give 16^s.08, 15^s.28 AW gives 15^s.7. Ya gives 16^s.0.
	7	48.60	2			15.77			43.2	Mu.	188	36	
	9	48.67	2			16.20[12]			42.3	Mer.	146	7	[12] R. A. increased 1 min.
18092	7	47.65	1	19	23	18.68	28	18	3.1	Mu.	128	48	
	9.8	46.71	3			19.04			3.8	Mer.	63	17	
	6	46.60	3			19.13			....	Tr.	52	21	
18093	10	46.40	2	19	23	18.81	37	56	35.9	Tr.	24	10	
18094	9	48.60	2	19	23	20.55	21	49	....	Tr.	182	35	
	7	48.55	1			21.03			44.3	Mu.	182	68	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
18095	9	46.71	2	19	23	24.32	27	58	38.0	Mer.	63	18	
18096	10	48.54	1	19	23	24.71 [1]	23	3	....	Mer.	131	61	[1] R. A. decreased one thread interval.
	9	48.63	3			24.92			11.2	Mu.	193	9	
	7	48.67	3			25.17			14.1	Mer.	148	33	
	9	48.54	2			25.37			12.4	Mu.	180	30	
18097	6	46.42	2	19	23	32.58	30	40	32.7	Tr.	25	111	
18098	9	46.61	1	19	23	36.46	25	14	24.2	Mu.	42	60	
	10	47.66	3			36.79			.... [2]	Mer.	104	15	[2] Decl. changed one wire interval south.
18099	10	48.43	3	19	23	38.41	25	37	....	Tr.	164	98	
	9	47.59	3			38.70			4.7	Mer.	196	7	
18100	10	47.48	1	19	23	40.68	26	20	33.5	Mer.	102	26	
	7	47.64	3			40.70			30.6	Mu.	127	53	
	8	47.66	5			40.85			30.5	Mu.	129	5	
	7	46.71	2			41.09			31.4	Mu.	56	9	
18101	8	46.61	3	19	23	40.86	25	15	21.3	Mu.	42	61	
18102	9	47.54	2	19	23	46.04 [3]	27	25	53.8	Mer.	195	97	[3] R. A. increased 30 sec. One of three threads
	8.9	47.45	3			46.07			52.4	Mu.	119	54	rejected; R. A.=$44^{\mathrm{s}}.32$.
	8	46.62	2			46.26 [4]			51.7	Mu.	45	46	[4] One of three threads rejected; R. A.=$45^{\mathrm{s}}.29$.
18103	8	46.47	5	19	23	50.71 [5]	40	21	4.3	Mer.	29	8	[5] One of six threads rejected; R. A.=$49^{\mathrm{s}}.98$.
18104	5.6	46.52	2	19	23	54.30	34	30	43.9	Tr.	35	4	
18105	9	52.56	5	19	23	54.87	16	35	8.3	Mer.	250	2	
18106	10	48.67	2	19	23	59.43 [6]	22	18	53.2	Tr.	192	18	[6] One thread increased 10 sec.
	10	48.55	3			59.64			53.0	Mu.	181	103	
18107	7	46.61	2	19	23	59.69	25	46	4.6	Tr.	53	75	
	9	47.59	1			60.15			7.5	Mer.	196	8	
18108	11	46.62	2	19	24	2.02	24	34	....	Tr.	57	44	
18109	9	52.56	4	19	24	2.90 [7]	16	38	3.9	Mer.	250	3	[7] One of five threads rejected; R. A.=$2^{\mathrm{s}}.41$.
18110	9	47.65	1	19	24	10.61	28	20	46.4	Mu.	128	49	
	9	46.63	1			10.65			46.5	Mer.	55	21	
	8	46.60	1			10.71			....	Tr.	52	22	
18111	10	46.40	1	19	24	13.64	37	50	58.2	Tr.	24	11	
18112	9	46.53	3	19	24	16.07	33	27	52.1	Mu.	36	50	
	9	46.53	1			16.25			56.3	Tr.	45	24	
18113	11	46.46	2	19	24	17.39	32	3	.... [8]	Tr.	30	105	[8] Decl. changed one wire interval north.
18114	8	47.65	1	19	24	18.38	28	50	60.7	Mer.	199	29	
	9	46.62	5			18.46			58.6	Mer.	52	24	
	9	48.55	2			18.47			48.1	Mu.	183	66	
	8	46.63	2			18.49			59.5	Mu.	47	39	
	9	47.68	3			18.58 [9]			60.3	Mu.	130	15	[9] One thread decreased 10 sec.
18115	8	48.63	3	19	24	25.56	19	35	17.2	Mer.	141	10	
	10	48.67	1			26.12			17.0	Mu.	201	8	
18116	9	46.66	2	19	24	27.41	41	28	22.8	Mer.	56	16	
	8.9	46.46	7			27.75			24.3	Mer.	26	111	
18117	9	47.54	2	19	24	32.45	27	21	46.1	Mer.	195	98	
18118	10	48.67	1	19	24	37.19	23	18	0.3	Mer.	148	34	
18119	9	47.45	1	19	24	40.28	27	28	43.2	Mu.	119	55	
18120	9	47.48	2	19	24	42.12	29	28	39.5	Tr.	125	50	
18121	6	52.56	4	19	24	43.19	16	55	29.7	Mer.	250	4	
	8	51.69	5			43.44			33.7 [10]	Tr.	273	1	[10] One transit thread rejected; Decl.=$62''.0$.
18122	10	46.67	2	19	24	47.00	27	9	....	Tr.	63	19	
18123	9	46.69	5	19	24	47.50	42	30	9.0	Mer.	57	9	
18124	11	46.62	2	19	24	48.66	24	35	....	Tr.	57	45	
18125	8	46.61	1	19	24	49.19	26	1	21.6	Tr.	53	76	
	9.10	47.66	1			49.57			11.3	Mu.	129	6	
18126	9	48.72	3	19	24	50.28	18	55	50.3	Mu.	205	6	
	10	48.63	2			50.31 [11]			....	Tr.	185	57	[11] One of three threads rejected; R. A.=$51^{\mathrm{s}}.59$.
	9	51.65	5			50.51			51.0	Tr.	269	21	
18127	11	46.52	2	19	24	55.85	35	47	22.1	Tr.	41	27	
18128	9	48.63	2	19	24	60. . . [12]	19	10	40.5	Mer.	141	11	[12] Separate threads give $60^{\mathrm{s}}.06$, $59^{\mathrm{s}}.06$.
	11	49.47	2			60.17			39.0	Mu.	259	122	
	11	48.62	1			60.23			....	Tr.	183	20	
	10	48.67	1			60.44			40.3	Mu.	201	9	
18129	9	48.55	1	19	25	2.32 [13]	23	36	30.7	Mer.	132	97	[13] R. A. decreased one thread interval.
	10	48.49	1			2.35			.... [14]	Mer.	129	94	[14] Decl. changed one rev. north.
18130	7.8	46.66	3	19	25	8.00 [15]	41	26	28.5	Mer.	56	17	[15] Two threads decreased 10 sec. each.
	8	46.46	7			8.39			32.7	Mer.	26	112	
18131	12	48.56	3	19	25	8.11	21	15	....	Tr.	180	4	
18132	9	47.54	1	19	25	8.35 [16]	27	28	15.3	Mer.	195	99	[16] R. A. decreased one thread interval.
	8.9	46.40	4			8.40			16.7	Mer.	24	54	
	8	47.45	1			8.65			13.1	Mu.	119	56	
	8	46.62	2			8.75 [17]			11.6	Mu.	45	47	[17] R. A. decreased one thread interval.
18133	12	48.60	1	19	25	9.63	21	51	....	Tr.	182	36	
18134	8	46.53	1	19	25	10.31	33	6	43.1	Tr.	45	25	
18135	9	48.55	4	19	25	10.39	22	25	22.9	Mu.	181	104	
	9	48.67	1			10.51			20.6	Tr.	192	19	
18136	11	46.66	2	19	25	13. . . [18]	39	22	....	Tr.	60	12	[18] Separate threads give $12^{\mathrm{s}}.32$, $13^{\mathrm{s}}.25$. CPD
18137	10	47.66	3	19	25	14.16	24	56	....	Mer.	104	16	gives $13^{\mathrm{s}}.7$. CoD gives $13^{\mathrm{s}}.5$.
	10	48.55	3			14.21			50.0 [19]	Tr.	174	92	[19] Decl. changed one rev. north.
18138	10	48.49	1	19	25	15.35	23	38	....	Mer.	129	95	
	8	48.63	2			15.73			35.5	Tr.	186	7	
	9	48.55	2			15.76			41.1	Mer.	132	98	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
18139	9	46.62	2	19	25	15.95	27	28	43.6	Mu.	45	48	
	9	47.45	1			16.29			41.6	Mu.	119	57	
	10	47.54	1			16.75 [1]			42.2	Mer.	195	100	[1] R. A decreased one thread interval.
18140	6	51.60	5	19	25	16.41	16	8	34.1	Tr.	268	66	
18141	9	47.71	1	19	25	17.10	29	9	34.1 [2]	Mu.	132	23	[2] Decl. changed five rev. north.
	9	46.62	2			17.39			35.5 [3]	Mer.	52	25	[3] Decl. changed one wire interval and one rev. south.
	9.10	46.71	2			17.42			37.4	Mer.	61	8	
18142	9	46.62	3	19	25	20.89	29	8	27.6 [4]	Mer.	52	26	[4] Decl. changed one wire interval south.
	9.10	46.71	1			20.99			27.0	Mer.	61	9	
18143	8	51.60	5	19	25	21.94	16	35	31.0	Tr.	268	67	
18144	8	48.62	3	19	25	22.10 [5]	19	53	21.4	Mu.	189	15	[5] R. A. increased 1 min.
18145	7	46.46	2	19	25	29.74	31	55	.... [6]	Tr.	30	106	[6] Decl. changed one wire interval north.
18146	8	48.66	2	19	25	30.29 [7]	24	10	43.5	Mu.	196	12	[7] One thread increased 10 sec.
	5	48.62	3			30.29			44.8	Mer.	138	15	
	6	48.43	2			30.55			43.4	Mu.	170	91	
18147	9	48.60	1	19	25	31.79	20	20	0.5	Mu.	188	37	
18148	9	48.67	2	19	25	32.07	23	30	58.6	Mer.	148	35	
18149	9.10	48.72	4	19	25	33.50	18	12	7.2	Mer.	149	2	
18150	8	51.60	5	19	25	38.15	16	37	39.6	Tr.	268	68	
18151	9	46.60	2	19	25	40.23	28	20	....	Tr.	52	23	
18152	9	46.62	2	19	25	41.28	24	48	....	Tr.	57	46	
18153	6	52.56	5	19	25	43.06	16	41	40.2 [8]	Mer.	250	5	[8] Decl. changed ten rev. north.
18154	10	48.55	1	19	25	48.37	22	19	14.4 [9]	Mu.	181	105	[9] Decl. changed one rev. south.
18155	7	48.55	3	19	25	50.75	30	53	36.3	Mer.	134	80	
18156	9	47.45	1	19	25	51.07	27	46	14.1 [10]	Mu.	119	58	[10] Decl. changed five rev. south.
	9	46.71	3			51.64			12.6	Mer.	63	19	
18157	9	46.53	1	19	25	56.71	33	25	43.0	Mu.	36	51	
18158	9	46.61	2	19	25	57.05	37	7	41.7	Tr.	56	21	
	7	46.64	2			57.18			37.7	Mu.	48	37	
18159	8	46.52	1	19	25	57.72	34	49	59.5	Tr.	35	5	
	8	46.70	3			57.77			63.6	Mu.	53	1	
	9	46.70	2			58.03 [11]			56.4	Mu.	54	13	[11] One of three threads rejected; R. A.=$58^{s}.80$.
18160	9.10	46.73	3	19	26	2.07	25	26	36.1	Mer.	68	1	
	9	47.59	2			2.38			39.2	Mer.	196	9	
	10	48.43	2			2.39			....	Tr.	164	99	
	8.9	47.54	1			2.57			43.9	Mu.	123	76	
18161	10	48.63	1	19	26	2.30	18	25	....	Tr.	185	58	
18162	8	46.53	1	19	26	3.25	33	8	43.9	Tr.	45	26	
18163	7	48.63	2	19	26	11.46	19	5	18.3	Mer.	141	12	
	10	48.62	2			11.68			....	Tr.	183	21	
	10	49.47	3			11.85 [12]			30.8 [13]	Mu.	259	123	[12] R. A. decreased one thread interval.
	9	48.72	3			11.87			18.4	Mu.	205	7	[13] If micrometer reading be assumed as 47.490 instead of 47.290 rev., as recorded, Decl.= 18″.2.
	9	48.67	1			12.00			19.7	Mu.	201	10	
18164	11	46.67	2	19	26	12. . . [14]	27	5	....	Tr.	63	20	
18165	9	46.71	3	19	26	14.30	27	57	9.3	Mer.	63	20	[14] Separate threads give $12^{s}.08$, $12^{s}.98$.
	8	47.65	2			14.50			10.3	Mu.	128	50	
18166	9	46.69	3	19	26	19.11 [15]	42	35	24.8	Mer.	57	10	[15] One of four threads rejected; R. A.=$19^{s}.88$.
18167	10	46.61	1	19	26	24.71 [16]	25	48	32.3	Tr.	53	77	[16] R. A. decreased one thread interval.
18168	9	46.70	1	19	26	26.22	34	58	51.9	Mu.	54	14	
	9	46.70	1			26.33			56.9	Mu.	53	2	
18169	9	48.49	2	19	26	31.01	19	53	....	Tr.	169	107	
18170	9	47.65	3	19	26	31.82	29	1	33.8 [17]	Mer.	199	30	[17] Decl. changed one rev. north.
	9.10	48.55	1			32.13			30.7	Mu.	183	67	
	9	47.68	1			32.34			29.1	Mu.	130	16	
18171	..	48.66	1	19	26	37.08	23	37	....	Mu.	196	13	
	9	48.55	3			37.28			59.9	Mer.	132	99	
	8	48.63	2			37.37			53.1	Tr.	186	8	
	10	48.49	2			37.40			....	Mer.	129	96	
18172	8.9	46.62	4	19	26	40.12	28	59	32.4 [18]	Mer.	52	27	[18] Decl. changed one rev. north.
	8	47.65	3			40.18			34.3	Mer.	199	31	
	9	48.55	4			40.35			33.0	Mu.	183	68	
	8.7	47.71	1			40.35 [19]			32.2	Mu.	132	24	[19] R. A. decreased one thread interval.
	8.9	47.68	2			40.40			31.7	Mu.	130	17	
	9	46.48	3			40.42			30.5 [20]	Mer.	32	50	[20] Decl. changed two rev. north.
	8	46.63	4			40.45			32.6	Mu.	47	40	
18173	7	48.49	2	19	26	40. . . [21]	26	37	26.9	Mu.	176	77	[21] Separate threads give $40^{s}.88$, $40^{s}.06$.
	8	46.71	2			40.24			29.6	Mu.	56	10	
	8.9	46.46	1			40.45			25.0	Mer.	28	76	
	7	46.67	2			40.46			....	Tr.	63	21	
18174	8	48.56	2	19	26	43. . . [22]	21	5	....	Tr.	180	5	[22] Separate threads give $43^{s}.07$, $43^{s}.96$.
	9	48.55	3			43.15			55.9	Mer.	133	78	
18175	8	46.46	3	19	26	43.50	32	9	....	Tr.	30	107	
	9	46.69	4			43.58			26.7	Mu.	51	1	
18176	10	48.67	2	19	26	44.08	22	29	19.0	Tr.	192	20	
	9	48.55	1			44.18			21.1	Mu.	181	106	
18177	9	46.62	2	19	26	49.76	24	41	....	Tr.	57	47	
	9	48.62	2			50.15			56.2	Mer.	138	16	
18178	8	48.55	3	19	26	51.46	31	39	34.2	Mer.	134	81	
18179	8	46.71	2	19	26	52. . . [23]	26	13	29.2	Mu.	56	11	[23] Separate threads give $51^{s}.82$, $52^{s}.72$.
	9	46.72	4			52.36			32.7	Mer.	66	1	
	10	47.48	5			52.48			29.5 [24]	Mer.	102	27	[24] Reduced for thread VII, wire 5 instead of thread V, wire 7 as recorded.
	8.9	47.66	4			52.61			28.4	Mu.	129	7	
	7	47.64	4			52.64			37.0	Mu.	127	54	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
18180	6	48.55	2	19	26	54. . .[1]	25	2	32.3	Tr.	174	93	[1] Separate threads give $55^{s}.74$, $54^{s}.67$. Gou gives $55^{s}.0$.
	5.6	46.73	3			54.77			47.4[2]	Mer.	68	2	
	5	46.61	3			54.87			32.6	Mu.	42	62	[2] If micrometer reading be assumed as 45.52 instead of 45.12 rev., as recorded, Decl. = $33''.6$. Gou gives $34''$.
	8	47.66	2			55.44[3]			. . . .[4]	Mer.	104	17	
18181	7	46.53	1	19	26	55.84	33	0	56.9	Tr.	45	27	
18182	10	48.55	1	19	26	58.34[5]	21	14	47.0	Mer.	133	79	[3] One of three threads rejected; R. A. = $54^{s}.22$.
	11	48.56	1			59.38			. . . .	Tr.	180	6	[4] Decl. changed one rev. south.
18183	8.9	46.62	4	19	27	2.89	28	59	58.4	Mer.	52	28	[5] R. A. increased 10 sec.
	7	47.71	1			2.95[6]			62.4	Mu.	132	25	[6] R. A. increased one thread interval.
	8.9	47.68	2			2.95			58.8	Mu.	130	18	
	9	48.55	2			2.99			59.9	Mu.	183	69	
	8	46.63	4			3.07			70.8	Mu.	47	41	
	7	47.65	2			3.17			60.7	Mer.	199	32	
18184	9	48.67	2	19	27	4.62	22	49	47.2	Mer.	148	36	
18185	10	48.60	2	19	27	6.22	19	43	16.6[7]	Mer.	137	48	[7] Decl. changed one wire interval north.
18186	8.9	46.66	3	19	27	14.56	41	47	4.3	Mer.	56	18	
18187	9	48.62	1	19	27	16.22	24	17	4.3	Mer.	138	17	
18188	10	48.55	1	19	27	18.79	26	38	. . . .	Tr.	178	46	
	9	48.49	2			18.91[8]			47.9	Mu.	176	78	[8] Separate threads give $18^{s}.54$, $19^{s}.28$.
18189	9	46.67	2	19	27	21.02	26	51	. . . .	Tr.	63	22[9]	[9] "Double, both 9th mag."
18190	10	48.62	1	19	27	24.53	20	23	32.3	Mu.	189	16	
	9	48.67	4			24.54			27.4	Mer.	146	8	
	9	48.60	1			24.74			27.1	Mu.	188	38	
18191	7	46.70	1	19	27	26.27	34	37	9.2	Mu.	53	3	
	8	46.52	1			26.32			6.8	Tr.	35	6	
18192	9	48.63	1	19	27	26.48	19	13	47.4	Mer.	141	13	
18193	8	48.67	2	19	27	28.92	23	8	34.7	Mer.	148	37	
	10	48.63	2			29.27			32.8	Mu.	193	10	
18194	5	48.55	1	19	27	34.09	25	12	34.9	Tr.	174	94	
	3.4	47.54	2			34.17			31.7	Mu.	123	77	
	5	46.73	2			34.22			38.2	Mer.	68	3	
	4	46.61	2			34.43[10]			34.5	Mu.	42	63	[10] One of three threads rejected; R. A. = $35^{s}.43$.
	5	48.54	1			34.49			35.9	Tr.	173	26	
18195	10	46.54	2	19	27	34.46	29	54	21.3	Mu.	37	102	
18196	8	46.52	2	19	27	35.17	35	34	11.6	Tr.	41	28	
18197	9	47.54	3	19	27	39.55	27	49	40.8	Mer.	195	101	
	8.9	46.71	4			39.56			35.5	Mer.	63	21	
	6	46.60	2			39.63			. . . .	Tr.	52	24	
	7.8	47.65	2			39.73			35.1	Mu.	128	51	
	8	47.45	1			40.02			35.6	Mu.	119	59	
	9	46.62	1			40.10			37.5	Mu.	45	49	
18198	7	48.72	2	19	27	41.02	19	10	48.8	Mu.	205	8	
	7	48.67	2			41.05			46.4	Mu.	201	11	
	5	48.63	2			41.13			43.5	Mer.	141	14	
	8	48.63	3			41.13			. . . .	Tr.	185	59	
	7	49.47	2			41.33[11]			46.4	Mu.	259	124	[11] One of three threads rejected; R. A. = $40^{s}.67$.
	8	48.62	1			41.43			. . . .	Tr.	183	22	
18199	8	46.69	5	19	27	45.12	42	7	60.3	Mer.	57	11	
	8	46.66	2			45.12			58.4	Mer.	56	19	
18200	10	48.49	2	19	27	46.39	23	30	. . . .	Mer.	129	97	
	10	48.63	2			46.69			25.2	Tr.	186	9	
18201	10	48.43	2	19	27	54.02[12]	25	24	. . . .	Tr.	164	100	[12] R. A. decreased 1 min.
	9	46.73	1			54.09			19.2	Mer.	68	4	
	6	46.61	3			54.28			17.3	Tr.	53	78	
	9	47.59	2			54.30			19.8	Mer.	196	10	
18202	9	48.63	1	19	27	54.74	19	34	51.2	Mer.	141	15	
18203	9	46.71	2	19	27	55.91	27	59	50.5	Mer.	63	22	
18204	8	46.73	2	19	27	57.17	39	5	9.5	Mu.	62	2	[13] One of three threads rejected; R. A. = $1^{s}.57$.
18205	8.9	48.55	2	19	27	59.05	22	13	49.1	Mu.	181	107	
	9	48.67	2			59.17			47.3	Tr.	192	21	[14] One of five threads rejected; R. A. = $2^{s}.18$.
	8	48.55	1			59.64			49.0	Mu.	182	69	[15] One transit thread rejected; Decl. = $31''.3$.
18206	9	46.52	1	19	28	1.63	34	9	60.2	Tr.	35	7	[16] R. A. increased one thread interval.
	9	46.53	2			2.36[13]			53.9	Mu.	36	52	[17] Time of transit recorded as $0^{s}.1$. If assumed as 1^{s}, R. A. = $9^{s}.52$. CiZ gives $9^{s}.5$. See note on No. 18059_1.
18207	9.10	48.72	3	19	28	2.11	18	25	40.4	Mer.	149	3	
18208	9	52.56	4	19	28	2.69[14]	17	39	45.9[15]	Tr.	284	10	
18209	10	48.67	1	19	28	4.72[16]	19	6	41.7	Mu.	201	12	[18] Decl. changed one rev. north. If micrometer reading be assumed as 35.410 instead of 34.110 rev., as recorded, Decl. = $37''.5$. Gou gives $34''$.
	9	48.72	2			4.72			43.1	Mu.	205	9	
18210	8	48.55	1	19	28	8.62[17]	21	57	25.0	Mu.	182	70	
	10	48.60	2			9.64			. . . .	Tr.	182	37	
18211	7	46.53	1	19	28	19.14	33	14	30.7	Tr.	45	28	[19] Unidentified. Looked for with equatorial but not found. The same is true if the declination set be assumed as Set II instead of Set VI, in which case Decl. = $56'59''.0$. The recorded times of transit over the inclined threads do not admit of this being No. 18212. These recorded times are most accordant if assumed to have been taken over R. A. Set II in which case they give R. A. = $22^{s}.07$. No chronogroph tape found.
18212	7.8	48.72	. .	19	28	20. . .	18	33	33.2	Mu.	205	10	
	8	48.72	2			20.66			47.8[18]	Mer.	149	4	
	5	51.65	5			21.02			32.7	Tr.	269	23	
18213	9	51.65	5	19	28	21.09	18	26	41.3[19]	Tr.	269	22	
18214	9	48.60	2	19	28	20.78[20]	20	41	39.2	Mu.	188	39	
	9	48.67	2			21.38			37.8	Mer.	146	9	
	9	48.62	2			21.42			35.0	Tr.	184	49	
18215	8	46.42	2	19	28	22.53	30	37	32.0	Tr.	25	112	
18216	9	51.69	5	19	28	27.86	16	46	38.4	Tr.	273	2	
18217	9	46.66	1	19	28	29.35	36	22	4.9	Mu.	49	27	[20] R. A. increased one thread interval.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
18218	8	46.71	3	19	28	29.60	29	8	38.7	Mer.	61	10	
	9	46.62	3			29.72			41.7	Mer.	52	29	
	7.8	47.71	2			29.84[1]			40.4	Mu.	132	26	[1] R. A. increased one thread interval.
18219	8.9	48.55	2	19	28	29.96	22	16	58.5	Mu.	181	108	
	9	48.60	1			30.23			....	Tr.	182	38	
	9	48.67	2			30.44			58.7	Tr.	192	22	
18220	7	47.64	1	19	28	35.01	26	0	62.0	Mu.	127	55	
	9.10	47.66	2			35.21			58.1	Mu.	129	8	
18221	9	52.56	5	19	28	36.55	16	41	54.3[2]	Mer.	250	6	[2] Decl. changed ten rev. north
18222	9	46.46	6	19	28	39.41	41	27	30.8	Mer.	26	113	
18223	10	47.59	1	19	28	41.51	25	54	48.5	Mer.	196	11	
18224	8	46.66	2	19	28	42.42	39	12	....	Tr.	60	13	
18225	7	46.70	2	19	28	45.84	34	52	34.3	Mu.	53	4	
	8	46.70	2			45.87			31.2	Tr.	67	1	
	7.8	46.70	4			45.95			31.9	Mu.	54	15	
	7	46.52	1			46.07			33.0	Tr.	35	8	
18226	10	48.55	2	19	28	53.44[3]	21	8	49.1	Mer.	133	80	[3] R. A. increased 1 min. and one thread interval.
	11	48.56	2			53.64			....	Tr.	180	7	
18227	9	48.55	3	19	28	56.49	23	32	48.5	Mer.	132	100	
	10	48.63	2			56.63			49.0	Tr.	186	10	
18228	11	48.55	2	19	29	2. . .[4]	24	52	39.5	Tr.	174	95	[4] Separate threads give $2^s.94$, $2^s.07$.
18229	6	51.69	5	19	29	4.21	16	47	2.7	Tr.	273	3	
18230	9	47.65	1	19	29	5.68	28	7	10.2	Mu.	128	52	
	9	46.71	3			5.90			11.9	Mer.	63	23	
	9	46.60	3			5.90			....	Tr.	52	25	
18231	9	47.54	3	19	29	5.83[5]	27	41	26.6	Mer.	195	102	[5] One thread decreased 10 sec.
	8.9	46.40	2			6.22			28.0	Mer.	24	55	
	8.9	47.45	2			6.45			25.6	Mu.	119	60	
18232	8	46.46	7	19	29	6.07	41	31	9.7	Mer.	26	114	
	9	46.66	2			6.11			5.1	Mer.	56	20	
18233	7.8	47.71	1	19	29	12.31	29	4	23.0	Mu.	132	27	
	9	46.62	3			12.53			25.6[6]	Mer.	52	30	[6] Decl. changed one wire interval south.
	9	47.65	3			12.70			31.8	Mer.	199	33	
	9	47.66	1			12.71			23.4	Tr.	126	26	
18234	8.9	47.65	1	19	29	13.90	28	0	6.1	Mu.	128	53	
18235	10	47.71	3	19	29	15.33	26	50	5.9	Mer.	107	3	
18236	9	48.67	1	19	29	16.16	19	32	33.1	Mu.	201	13	
	11	48.62	3			16.53[7]			....	Tr.	183	23	[7] One thread decreased 10 sec.
18237	9	46.71	2	19	29	16.63	29	11	41.5	Mer.	61	11	
18238	8	46.46	3	19	29	18.00	31	44	....[8]	Tr.	30	108	[8] Decl. changed one wire interval north.
18239	8	46.42	2	19	29	23.07	30	36	53.2	Tr.	25	113	
18240	9	46.62	2	19	29	27.51	24	26	....	Tr.	57	48	
	9	48.62	4			27.55			33.8	Mer.	138	18	
18241	11	48.55	2	19	29	29. . .[9]	26	59	....	Tr.	178	47	[9] Separate threads give $28^s.40$, $29^s.22$.
	9	46.67	2			29.01			....	Tr.	63	23	
18242	7.8	47.68	3	19	29	34.04	28	56	27.4	Mu.	130	19	
	8	46.62	3			34.16			28.3	Mer.	52	31	
	7	46.63	5			34.18			28.7	Mu.	47	42	
	7	47.65	3			34.30			28.1[10]	Mer.	199	34	[10] Decl. changed ten rev. south.
18243	9	48.62	2	19	29	36.39	20	52	21.5[11]	Tr.	184	50	[11] Decl. changed three wire intervals south. If no change be made, Decl. = 38′ 19″.4, which agrees with that of a star following 6 sec.
18244	9.10	46.72	2	19	29	39.16	26	11	50.0	Mer.	66	2	
	8	46.71	2			39.25			49.9	Mu.	56	12	
	8	47.68	2			39.48			52.1	Mer.	105	1	
18245	9	46.71	3	19	29	39.47	27	42	17.5[12]	Mer.	63	24	[12] Decl. changed one rev. south.
	8	47.45	2			39.56			14.4	Mu.	119	61	
	8	46.40	1			39.73			17.9	Mer.	24	56	
	8	47.54	2			39.81[13]			19.2	Mer.	195	103	[13] R. A. decreased 1 min.
	8	46.62	4			39.86			16.2	Mu.	45	50	
18246	9	46.61	2	19	29	40.47	25	54	24.6	Tr.	53	79	
18247	9	46.46	2	19	29	40.99	41	39	17.0	Mer.	26	115	
18248	6	46.66	2	19	29	42.16	39	45	....	Tr.	60	14	
18249	9	48.67	1	19	29	42.20	20	38	24.8	Mer.	146	10	
18250	10	48.72	1	19	29	43.96	18	27	30.4	Mer.	149	5	
18251	8	46.69	5	19	29	58.25	32	48	29.8	Mu.	51	2	
18252	7	46.64	3	19	30	3.06	37	44	16.7	Mu.	48	38	
18253	8	52.56	5	19	30	5.05	17	25	46.2	Tr.	284	11	
18254	11	46.40	1	19	30	6.53	38	28	8.6	Tr.	24	12	
18255	9	46.62	2	19	30	10.58	24	30	....	Tr.	57	49	
	9	48.62	3			11.12			46.9	Mer.	138	19	
18256	9	48.67	1	19	30	12.30	20	23	37.9	Mer.	146	11	
18257	9	46.66	2	19	30	14.15	42	8	3.4	Mer.	56	21	
	8.9	46.69	5			14.16			6.7	Mer.	57	12	
18258	9	48.63	3	19	30	15.94	19	32	39.8	Mer.	141	16	
18259	9	46.52	1	19	30	19.64	34	28	3.0	Tr.	35	9	
18260	10	48.55	1	19	30	22.96	24	53	7.7	Tr.	174	96	
18261	10	47.59	1	19	30	24.87	25	24	42.0	Mer.	196	12	
18262	9	47.70	2	19	30	27.94	30	15	25.4	Mu.	131	33	
18263	9	48.43	1	19	30	32.24	24	28	37.6	Mu.	170	92	
	9	46.62	3			32.82			....	Tr.	57	50	
18264	6	51.69	5	19	30	34.60	17	14	50.9	Tr.	273	4	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
18265	7	52.56	5	19	30	35.24	17	14	49.3	Mer.	250	7[1]	[1] "Double; second observed."
	6	51.69	5			35.25			44.5	Tr.	273	5	
18266	9	48.60	3	19	30	41.65	19	56	31.2	Mer.	137	49	
18267	8	47.65	1	19	30	41.75	27	52	20.4	Mu.	128	54	
	8	47.45	2			41.79			20.1	Mu.	119	62	
	8	46.60	2			41.99			....	Tr.	52	26	
	9	46.71	3			42.01			18.7	Mer.	63	25	
18268	10	48.55	1	19	30	45.41	21	29	18.5	Mer.	133	81	
18269	8	48.67	2	19	30	46.00	23	3	53.4	Mer.	148	38	
	9	48.63	3			46.27			55.4	Mu.	193	11	
18270	9	46.73	1	19	30	46.93[2]	24	57	45.9	Mer.	69	1	[2] R. A. increased 1 min.
	10	47.66	3			47.47			....	Mer.	104	18	
18271	9	48.55	1	19	30	47.80	31	36	26.0	Mer.	134	82	
18272	7	48.66	2	19	30	48.37	23	45	49.3	Mu.	196	14	
	6	48.63	2			48.40			50.5	Tr.	186	11	
	9	48.49	1			48.43			....	Mer.	129	98	
	6	48.55	3			48.69[3]			49.0	Mer.	132	101	[3] One of four threads rejected; R. A.=47ˢ.60.
18273	11	48.60	1	19	30	49.80	21	56	....	Tr.	182	39	
	10	48.55	2			50.29			35.2	Mu.	182	71	
18274	8.9	48.67	2	19	30	59.59[4]	22	23	56.9	Tr.	192	23	[4] One thread decreased one thread interval.
	8	48.55	5			59.81			59.9	Mu.	181	109	
18275	8	48.63	3	19	31	0.70	19	34	1.2	Mer.	141	17	
	7	48.67	2			0.88			2.7	Mu.	201	14	
	10	48.62	1			1.01			....	Tr.	183	24	
18276	10	48.55	1	19	31	1.25	21	20	27.5	Mer.	133	82	
18277	9	46.61	1	19	31	3.42	25	9	40.8	Mu.	42	64	
	9	46.73	3			3.93			41.3	Mer.	68	5	
18278	9	48.49	2	19	31	5.69	23	46	....[5]	Mer.	129	99	[5] Decl. changed one rev. south.
	5.6	48.63	1			5.70			4.9	Tr.	186	12	
	6	48.55	2			5.80			1.9	Mer.	132	102	
	7	48.66	2			6.04			2.8[6]	Mu.	196	15	[6] Decl. changed one rev. south.
18279	10	46.52	1	19	31	7.00	34	15	46.2	Tr.	35	10	
18280	9	48.67	2	19	31	12.66	20	21	11.4	Mer.	146	12	
	8	48.49	2			12.93[7]			....[8]	Tr.	169	108	[7] R. A. decreased 1 min.
	9	48.60	1			13.16			8.3	Mer.	137	50	[8] Decl. changed one rev. north.
	9	48.62	3			13.35			13.8	Mu.	189	17	
	9	48.60	2			13.52[9]			11.4	Mu.	188	40	[9] R. A. decreased one thread interval.
18281	10	46.67	2	19	31	12.86	27	5	....	Tr.	63	24	
	11	46.71	2			13.15			....	Tr.	70	1	
18282	8	46.66	4	19	31	13.88	36	40	21.0	Mu.	49	28	
18283	9	46.71	3	19	31	14.98	27	38	10.1	Mer.	63	26	
	8	47.45	2			15.00			8.8	Mu.	119	63	
	8.9	46.40	2			15.07			9.8	Mer.	24	57	
	9	46.62	2			15.25			11.3	Mu.	45	51	
	9	47.54	2			15.33[10]			9.6	Mer.	195	104	[10] Separate threads give 14ˢ.98, 15ˢ.68.
18284	7	48.60	1	19	31	19.02[11]	20	53	12.4	Mu.	188	41	[11] R. A. increased one thread interval.
	9	48.62	2			19.63[12]			8.8	Tr.	184	51	[12] R. A. decreased one thread interval.
18285	9.10	48.49	1	19	31	21.37	23	40	....[13]	Mer.	129	100	[13] Decl. changed one rev. south.
	9	48.66	1			21.56			11.4	Mu.	196	16	
18286	10	48.55	1	19	31	23.36	21	38	27.8	Mer.	133	83	
	9	48.56	2			23.49			....	Tr.	180	8	
	8	48.55	1			23.62			29.8[14]	Mu.	182	72	[14] Decl. changed one rev. north.
	9	48.60	1			24.11[15]			....	Tr.	182	40	[15] R. A. decreased 1 min.
18287	10	48.63	2	19	31	25.52	23	3	37.0	Mu.	193	12	
	8	48.67	2			25.92			32.9	Mer.	148	39	
18288	8	47.40	3	19	31	30.40[16]	28	2	6.0	Mer	189	126	[16] Separate threads give 30ˢ.87, 30ˢ 38, 29ˢ.94.
	8	46.71	2			30.84			5.1	Mer.	63	27	
	8	46.63	3			30.88			5.7	Mer.	55	22	
	7	47.65	3			31.02			4.5	Mu.	128	55	
	5	46.60	3			31.08			....	Tr.	52	27	
18289	9	46.53	1	19	31	34.49	33	12	32.1	Tr.	45	29	
18290	9	48.72	2	19	31	34.72	18	13	54.6	Mer.	149	6	
	7	51.71	5			34.82			49.5	Mu.	279	8	
18291	9	48.63	2	19	31	35.79	18	39	....	Tr.	185	60	
18292	9	46.66	3	19	31	38.71	41	48	15.8	Mer.	56	22	
18293	9	46.46	2	19	31	39.55	32	2	....	Tr.	30	109	
18294	7	51.69	5	19	31	40.04	17	13	4.5	Tr.	273	6	
	8	52.56	5			40.13			2.4[17]	Mer.	250	8	[17] Decl. changed one wire interval north.
18295	9	48.55	1	19	31	40.28	21	35	31.0	Mu.	182	73	
18296	9	46.52	2	19	31	41.67	36	3	27.0	Tr.	41	29	
18297	9	46.62	1	19	31	44.34	24	39	....	Tr.	57	51	
18298	8	46.72	4	19	31	45.95	30	4	54.9	Mu.	58	1	
	8	47.70	2			46.16			54.9	Mu.	131	34	
	8	46.54	2			46.43			57.0	Mu.	37	103	
18299	8	46.61	2	19	31	50.32	37	13	46.8[18]	Tr.	56	22	[18] Decl. changed two rev. north.
	7	46.64	3			50.34			45.9	Mu.	48	39	
18300	11	46.63	1	19	31	55.98	29	31	....	Tr.	59	1	
18301	9	46.73	2	19	31	56.39	25	12	37.6	Mer.	69	2	
18302	10	48.62	4	19	31	56.47	24	16	3.6	Mer.	138	20	
18303	10	48.56	2	19	31	58.24	21	10	....	Tr.	180	9	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
18304	9	46.53	1	19	31	59.05	33	48	28.3	Mu.	36	53	
18305	7	48.55	1	19	32	2.82	23	59	32.6	Mer.	132	103	
	9.10	48.67	2			3.37			29.4	Mu.	199	1	
	10	48.67	2			3.39			28.6	Mu.	203	1	
18306	9	48.55	2	19	32	13.27[1]	30	56	54.0	Mer.	134	83	[1] Separate threads give $13^{s}.64$, $12^{s}.90$.
	9	46.72	2			13.43			....	Tr.	72	1	
18307	8	46.61	1	19	32	15.34	36	58	28.4[2]	Tr.	56	23	[2] Decl. changed two rev. north.
18308	9	48.67	1	19	32	22.18	20	41	52.5	Mer.	146	13	
	9	48.62	2			22.63			45.0	Tr.	184	52	
18309	9	47.65	1	19	32	23.99[3]	29	1	39.3	Mer.	199	36	[3] R. A. increased one thread interval.
	9.10	47.68	1			24.74			36.0	Mu.	130	20	
18310	9	46.71	6	19	32	28.33	29	11	44.4	Mer.	61	12	
	8	47.65	2			28.53[4]			51.6	Mer.	199	35	[4] R. A. increased 1 min.
	8	47.66	2			28.62			43.3	Tr.	126	27	
	9	46.62	5			28.67			47.0	Mer.	52	32	
	7.8	47.71	3			28.74			42.6	Mu.	132	28	
18311	10	48.55	2	19	32	29.06	25	10	51.9	Tr.	174	97	
	9	46.73	3			29.19			53.2	Mer.	69	3	
	9	46.73	3			29.32			51.4	Mer.	68	6	
	8	46.61	2			29.41			55.3	Mu.	42	65	
	9	47.66	3			29.42			....	Mer.	104	19	
18312	11	48.55	2	19	32	29.46	26	43	....	Tr.	178	48	
	9	48.49	2			29.91[5]			39.3	Mu.	176	79	[5] One thread increased one thread interval.
	10	47.71	3			29.92			36.1	Mer.	107	4	
18313	9	46.72	1	19	32	33.22	30	40	....	Tr.	72	2	
18314	9	47.66	1	19	32	35.11	29	38	40.6	Tr.	126	28	
	9	47.48	2			35.27			33.7	Tr.	125	51	
	8	46.63	2			35.40			....	Tr.	59	2	
18315	8	46.66	2	19	32	36.05	39	49	....	Tr.	60	15	
18316	10	46.67	2	19	32	37.03	27	14	....	Tr.	63	25	
18317	10	48.49	1	19	32	39.41	23	58	....	Mer.	129	101	
	7	48.55	1			39.52			46.2	Mer.	132	104	
	9	48.66	1			39.54			43.8	Mu.	196	17	
	9.10	48.67	2			39.59			44.7	Mu.	199	2	
	8	48.63	2			39.88			43.8	Tr.	186	13	
18318	9	48.67	2	19	32	39.82	20	25	42.6	Mer.	146	14	
	9	48.60	1			39.97[6]			43.6	Mu.	188	42	[6] R. A. increased one thread interval.
	9	48.60	2			40.13			36.3[7]	Mer.	137	51	[7] Decl. changed eleven rev. south.
18319	10	48.49	1	19	32	42.59	20	2	....[8]	Tr.	169	109	[8] Decl. changed one rev. south.
18320	10	48.60	1	19	32	50.70	21	53	....	Tr.	182	41	
18321	8	46.64	2	19	32	53.58	37	47	8.2	Mu.	48	40	
18322	11	46.71	2	19	32	54.95	26	55	....	Tr.	70	2	
18323	11	48.56	1	19	32	58.77	21	10	....	Tr.	180	10	
	10	48.55	2			58.79			50.8	Mer.	133	84	
18324	9	46.69	3	19	32	59.01	32	35	5.1	Mu.	51	3	
18325	8	46.54	7	19	33	3.95	44	28	....	Mer.	44	12	
18326	10	48.67	1	19	33	4.07	22	43	35.3	Tr.	192	24	
18327	7.8	46.66	5	19	33	5.48	36	19	42.9	Mu.	49	29	
18328	9	47.71	3	19	33	10.93	26	47	23.1	Mer.	107	5	
	7	48.49	2			11.06			22.2	Mu.	176	80	
	8	46.46	4			11.08			23.5	Mer.	28	77	
	7	46.71	2			11.08			....	Tr.	70	3	
	10	48.55	2			11.18			....	Tr.	178	49	
18329	9	46.61	2	19	33	11.51	25	40	18.5	Tr.	53	80	
	10	47.59	3			11.71			12.9[9]	Mer.	196	13	[9] Decl. changed one wire interval south and five rev. north.
18330	8	48.55	1	19	33	15.31	25	12	14.7	Tr.	174	98	
	7	47.54	2			16.01			7.3	Mu.	123	78	
	7	46.73	5			16.14			19.5	Mer.	68	7	
	7.8	46.73	4			16.16			16.9	Mer.	69	4	
	8	47.66	2			16.27			....	Mer.	104	20	
	7	46.61	3			16.41			12.8	Mu.	42	66	
18331	10	48.55	1	19	33	20.87	31	36	41.6	Mer.	134	84	
18332	10	48.72	3	19	33	26.08	18	19	59.5[10]	Mer.	149	7	[10] Decl. changed one wire interval north.
18333	7	46.66	2	19	33	27.87	39	12	....	Tr.	60	16	
18334	9.10	47.66	3	19	33	28.58	26	1	47.4	Mu.	129	9	
	10	47.48	1			28.94[11]			48.6	Mer.	102	28	[11] Minute assumed.
	8	47.68	4			29.03[12]			52.2	Mer.	105	2	[12] R. A. increased 1 min.
18335	9	48.67	1	19	33	32.58	24	43	28.6	Mu.	203	2	
	6	46.62	2			32.69			....	Tr.	57	52	
	9	48.67	1			32.69			29.6	Mu.	199	3	
	6.7	48.62	4			32.91			28.3	Mer.	138	21	
	7.8	46.73	2			32.99			33.6	Mer.	69	5	
	8	48.43	2			33.08			29.6	Mu.	170	93	
18336	9	46.40	3	19	33	35.62	37	53	12.7	Tr.	24	13	
	7	46.64	3			35.75			10.8	Mu.	48	41	
18337	8	46.53	4	19	33	38.86	33	59	37.5	Mu.	36	54	
18338	9	46.46	2	19	33	42.65	31	59	....	Tr.	30	110	
18339	10	48.55	1	19	33	42.77	31	27	38.2	Mer.	134	85	
18340	10	48.67	1	19	33	46.66	23	24	51.2	Mer.	148	40	
18341	9	46.63	2	19	33	48.60	28	59	44.3	Mu.	47	43	
	9	46.62	5			48.73			39.4	Mer.	52	33	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
18342	10	48.43	2	19	33	49.16[1]	25	52	....	Tr.	164	101	[1] One of three threads rejected; R. A.=$50^{s}.02$.
	8	46.61	2			49.40			51.4	Tr.	53	81	
	9.10	47.66	1			49.70			52.1	Mu.	129	10	
	9	47.59	1			49.81			54.9	Mer.	196	14	
18343	9	48.67	2	19	33	58.95[2]	20	32	24.7[3]	Mer.	146	15	[2] One thread decreased one thread interval.
	9	48.62	2			59.18			30.4	Tr.	184	53	[3] Decl. changed one rev. north.
18344	8	46.52	2	19	34	0.05	35	35	34.8	Tr.	41	30	
18345	8	46.66	7	19	34	4.17	41	57	34.8	Mer.	56	23	
	8	46.69	5			4.20			34.9	Mer.	57	13	
18346	10	48.55	1	19	34	5.35	21	49	50.7	Mu.	182	74	
18347	9	46.70	3	19	34	8.36	35	1	56.7	Tr.	67	2	
18348	9	48.72	1	19	34	9.33	18	32	54.5	Mer.	149	8	
	10	48.63	3			9.49			....	Tr.	185	61	
18349	9	51.69	5	19	34	17.95	16	47	20.0	Tr.	273	7	
18350	10	48.55	1	19	34	19.29[4]	21	1	21.6	Mer.	133	85	[4] R. A. decreased one thread interval.
18351	10	48.66	1	19	34	21.06	23	57	50.7	Mu.	196	18	
	10	48.49	2			21.43			....	Mer.	129	102	
	9	48.55	3			21.66			54.8	Mer.	132	105	
	10	48.63	2			21.88			55.2	Tr.	186	14	
18352	10	48.62	2	19	34	27.08	19	27	....	Tr.	183	25	
	9	48.63	4			27.45			39.9	Mer.	141	18	
	10	48.67	1			27.65			39.9	Mu.	201	15	
18353	8	52.56	5	19	34	31.00	16	53	54.3[5]	Mer.	250	9	[5] Decl. changed two wire intervals south and ten rev. north.
18354	10	46.66	2	19	34	33.67	39	14	....	Tr.	60	17	
18355	9	48.67	1	19	34	34.37	20	30	48.6	Mer.	146	16	
	9	48.62	2			35.06			46.0	Tr.	184	54	
	10	48.60	1			35.09			50.0	Mu.	188	43	
18356	8.9	46.73	2	19	34	38.38	25	4	3.0	Mer.	68	8	
	8	46.61	3			38.44			2.7	Mu.	42	67	
	9	46.73	4			38.62			2.8	Mer.	69	6	
	9	47.66	3			38.80			....	Mer.	104	21	
18357	10	48.49	1	19	34	38.39	23	55	....	Mer.	129	103	
18358	10	48.67	2	19	34	41.47	22	16	51.5	Tr.	192	25	
	10	48.55	3			41.60			50.0	Mu.	181	110	
	10	48.55	1			41.95			54.3	Mu.	182	75	
18359	9.10	46.73	2	19	34	43.83	25	15	50.3	Mer.	68	9	
	9	46.73	1			44.08			51.4	Mer.	69	7	
18360	8	46.71	2	19	34	46.72	26	53	....	Tr.	70	4	
	9	46.46	1			47.09			48.5	Mer.	28	78	
18361	10	48.63	2	19	34	48.79	19	22	42.9	Mer.	141	19	
18362	10	48.55	2	19	34	51.02	31	25	53.5	Mer.	134	86	
18363	12	48.56	2	19	34	53.34	21	30	....	Tr.	180	11	
18364	8	47.40	6	19	35	4.98[6]	27	59	33.0	Mer.	189	127	[6] One of seven threads rejected; R. A.=$4^{s}.04$.
	7	47.65	5			4.99			33.8	Mu.	128	56	
	7.8	46.71	6			5.13			34.2	Mer.	63	28	
18365	8	47.45	2	19	35	9.08	27	17	42.2	Mu.	119	64	
18366	9	47.71	1	19	35	13.64	26	48	49.6[7]	Mer.	107	6	[7] If micrometer reading be assumed as 50.448 instead of 49.948 rev., as recorded, Decl. = 32″.3. Gou gives 32″.
	9	46.46	2			13.73			25.2	Mer.	28	79	
	8	46.71	2			13.74			....	Tr.	70	5	
	10	48.55	2			13.86			....[8]	Tr.	178	50	[8] Decl. changed one wire interval south.
	8	48.49	1			13.95[9]			29.7	Mu.	176	81	[9] R. A. decreased one thread interval.
18367	11	46.52	2	19	35	17.42	35	28	43.3[10]	Tr.	41	31	[10] Decl. changed one wire interval north.
18368	8	47.68	4	19	35	22.04[11]	26	19	6.8[12]	Mer.	105	3	[11] R. A. decreased 1 min.
18369	9	48.62	1	19	35	25.76	20	35	33.7	Tr.	184	55	[12] Decl. changed one rev. south.
18370	8	48.67	2	19	35	27.45[13]	23	30	14.4[14]	Mer.	148	41	[13] R. A. decreased 1 min. One thread decreased one thread interval.
	6	48.55	2			27.74			12.8	Mer.	132	106	
18371	8	47.70	1	19	35	29.05	30	6	33.3	Mu.	131	35	[14] Decl. changed five rev. south.
18372	8	46.69	5	19	35	31.31	32	8	22.2	Mu.	51	4	
18373	10	48.55	1	19	35	32.26	24	45	47.9	Tr.	174	99	
	10	46.62	2			32.47			....	Tr.	57	53	
18374	8.9	48.63	2	19	35	34.37	23	12	30.7	Mu.	193	13	
	7	48.67	2			34.56[15]			30.3	Mer.	148	42	[15] R. A. decreased 1 min.
18375	10	48.55	2	19	35	36.15	21	8	32.2	Mer.	133	86	
18376	10	48.49	1	19	35	37.25[16]	20	0	....	Tr.	169	110	[16] R. A. increased 10 sec.
18377	8	46.46	2	19	35	38.45	27	9	32.8	Mer.	28	80	
	9	46.62	2			38.72			31.8	Mu.	45	52	
	8.9	46.40	3			38.76			32.8[17]	Mer.	24	58	[17] Decl. changed one wire interval south.
18378	8	46.72	2	19	35	38. . .[18]	30	35	....	Tr.	72	3	[18] Separate threads give $38^{s}.50$, $39^{s}.36$.
	9	47.71	2			38.79			4.0	Tr.	134	1	
18379	9.10	48.49	1	19	35	40.35	23	36	....	Mer.	129	104	
	7.8	48.63	2			40.69			57.2	Tr.	186	15	
	6	48.55	2			40.80			59.6	Mer.	132	107	
	10	48.66	2			40.95			67.4	Mu.	196	19	
18380	10	46.61	3	19	35	42.94	25	39	46.5	Tr.	53	82	
	9	47.54	1			43.03			42.5	Mu.	123	79	
	9	47.59	2			43.16[19]			41.7	Mer.	196	15	[19] Separate threads give $43^{s}.54$, $42^{s}.78$.
18381	9	48.55	1	19	35	44.23	22	53	52.7	Mu.	181	111	
	10	48.67	2			44.75			59.4	Tr.	192	26	
	10.9	48.63	2			44.78			52.4	Mu.	193	14	
18382	10	47.66	1	19	35	50.13	29	28	4.5	Tr.	126	29	
	9	46.63	2			50.37			....	Tr.	59	3	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
18383	9	52.56	5	19	35	52.21	17	45	12.3	Tr.	284	12	
18384	6	48.55	3	19	35	53.69	31	15	27.9	Mer.	134	87	
	6.7	46.61	4			53.95			27.4	Mu.	44	55	
18385	8	46.40	3	19	35	58.94	27	45	0.8	Mer.	24	59	
	9	46.71	5			59.05			6.7	Mer.	63	29	
	8	47.45	1			59.18			3.8	Mu.	119	65	
	7	47.65	1			59.34			6.3	Mu.	128	58	
	8	46.62	1			59.90			5.5	Mu.	45	53	
18386	10	48.43	2	19	36	3.46	25	43	....	Tr.	164	102	
	8	47.54	1			3.46			52.3	Mu.	123	80	
	9.10	46.73	1			3.51			56.2	Mer.	68	10	
	9	46.61	2			3.74			52.1	Tr.	53	83	
	9.10	46.72	3			3.78			53.7	Mer.	66	3	
18387	8	46.61	2	19	36	8.36	31	8	19.3	Mu.	44	56	
	7	48.55	1			8.40			25.9	Mer.	134	88	
18388	9.10	46.63	3	19	36	10.10	28	4	3.6	Mer.	55	23	
	8	47.40	3			10.30			5.8	Mer.	189	128	
	8	46.60	2			10.43			....	Tr.	52	28	
	7.8	47.65	1			10.66			6.2	Mu.	128	57	
18389	9	47.66	1	19	36	16.91	26	2	14.3	Mu.	129	11	
18390	9	48.72	2	19	36	19.66	18	30	17.5	Mu.	205	11	
	10	48.63	1			19.72			....	Tr.	185	63	
	9	48.72	2			19.90			20.6	Mer.	149	9	
	10	48.63	1			19.90			....	Tr.	185	62	
	8	51.67	4			19.94			16.5	Mer.	242	1	
18391	8	46.66	2	19	36	20.59	39	46	....	Tr.	60	18	
18392	9	46.62	3	19	36	21.41	28	56	5.9	Mer.	52	34	
	9	47.68	4			21.61			7.5	Mu.	130	22	
	9	47.68	1			21.76			6.6	Tr.	128	1	
18393	7	46.69	4	19	36	26.61[1]	32	15	53.6	Mu.	51	5	[1] Last thread, observed between the last two threads of Mu. 51, No. 6, decreased 1 sec.
	5	46.46	2			26.69			....	Tr.	30	111	
18394	9	47.59	1	19	36	28.66	25	31	47.9	Mer.	196	16	
	9.10	46.73	2			29.10			46.2	Mer.	68	11	
	9.10	46.72	2			29.44			49.7	Mer.	66	4	
18395	9	46.71	2	19	36	34.98	27	4	....	Tr.	70	6	
18396	9	48.72	3	19	36	35.47	17	50	36.8	Mer.	149	10	
	9	51.71	5			35.55			36.3	Mu.	279	9	
18397	9	48.63	3	19	36	35.49	19	12	33.4	Mer.	141	20	
	10	48.67	2			35.71			31.3	Mu.	201	16	
18398	9	52.56	5	19	36	38.65	17	26	12.2	Tr.	284	13	
18399	9	47.59	1	19	36	39.66	25	34	41.3	Mer.	196	17	
18400	8	46.72	4	19	36	53.44	43	42	3.4	Mer.	67	1	
18401	8	46.69	3	19	37	0.29[2]	32	17	39.3	Mu.	51	6	[2] Last two threads decreased 1 sec. each. See note on No. 18393_1.
18402	9	48.55	1	19	37	0.36	22	25	49.4	Mu.	181	112	
18403	11	48.55	1	19	37	1.96	26	49	....	Tr.	178	51	
18404	9	46.71	1	19	37	3.95	26	16	35.5	Mu.	56	13	
	10	47.48	2			4.08[3]			33.3	Mer.	102	29	[3] Separate threads give $4^s.47$, $3^s.70$.
	9	47.66	1			4.72			36.4	Mu.	129	12	
18405	7	46.62	2	19	37	4.00	27	37	34.7	Mu.	45	54	
	8	46.71	5			4.02			34.5	Mer.	63	30	
	7.8	47.45	2			4.03			32.3	Mu.	119	66	
	8	46.40	3			4.14			29.8	Mer.	24	60	
18406	10	48.55	2	19	37	13.67	21	18	15.4	Mer.	133	87	
18407	9	47.71	2	19	37	13.79	31	1	52.6	Tr.	134	2	
	7	46.72	2			14.05			....	Tr.	72	4	
18408	8	48.55	3	19	37	14.22	23	55	66.8	Mer.	132	108	
	9.10	48.63	2			14.25			58.8[4]	Tr.	186	16	[4] Decl. changed two rev. south.
18409	8.9	47.45	1	19	37	17.36	27	21	37.7	Mu.	119	67	
18410	9	48.55	2	19	37	19.39	25	14	18.9[5]	Tr.	174	100	[5] Decl. changed one rev. north.
	8.9	46.73	2			19.41			18.0	Mer.	68	12	
	8.9	46.73	7			19.42			16.0	Mer.	69	8	
	9	47.66	4			19.53			....	Mer.	104	22	
	8	46.61	3			19.58			15.2	Mu.	42	68	
18411	11	46.66	2	19	37	26.62	39	21	....	Tr.	60	19	
18412	8.9	47.66	2	19	37	31.59	26	27	18.4[6]	Mu.	129	13	[6] Decl. changed ten rev. north.
18413	9.10	46.66	3	19	37	33.24	41	47	40.4	Mer.	56	24[7]	[7] "Very imperfect."
18414	4	48.49	3	19	37	36.30	20	7	....[8]	Tr.	169	111	[8] Decl. changed one rev. north.
	7	48.60	2			36.36[9]			0.3	Mer.	137	52	[9] One of three threads rejected; R. A.=$36^s.88$.
	5	48.62	5			36.64			1.0	Mu.	189	18	
18415	10	48.60	2	19	37	36.78	21	52	....	Tr.	182	42	
	8	48.55	2			37.06			56.0	Mu.	182	76	
18416	9	47.66	1	19	37	37.79	29	11	22.8	Tr.	126	30	
	9	46.62	3			37.83			17.1	Mer.	52	35	
	7	46.63	2			37.84			....	Tr.	59	4	
18417	9	48.62	2	19	37	37.87	20	31	35.6	Tr.	184	56	
	9	48.67	1			38.13			38.9[10]	Mer.	146	17	[10] Decl. changed ten rev. north.
18418	7	46.52	3	19	37	38.84	35	32	11.6	Tr.	41	32	
18419	8	48.55	1	19	37	41.56	31	28	22.0	Mer.	134	89	
18420	10	48.63	2	19	37	45.07	18	30	....	Tr.	185	64	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
18421	10	48.55	1	19	37	46.20	21	16	2.3	Mer.	133	88	
	10	48.56	3			46.97			....	Tr.	180	12	
	10	48.56	1			47.38			....	Tr.	180	13	
18422	7	46.71	2	19	37	48.36	26	50	....	Tr.	70	7	
	9	48.55	1			48.45			....	Tr.	178	52	
	9	47.71	4			48.46 [1]			59.9	Mer.	107	7	[1] R. A. decreased 1 min.
	6	48.49	3			48.61			60.4	Mu.	176	82	
	7.8	46.46	1			48.70			59.0	Mer.	28	81	
18423	9	46.70	5	19	37	53.29	40	36	9.8	Mer.	59	6	
18424	8	46.69	4	19	37	56.14 [2]	42	26	27.1	Mer.	57	14	[2] One of five threads rejected; R. A.=$56^s.90$.
18425	7	52.56	5	19	37	58.18	16	34	3.8	Mer.	250	10	
	6	51.60	5			58.29			6.6	Tr.	268	69	
18426	9	48.66	1	19	38	5.93	24	5	47.7	Mu.	196	20	
	7	48.55	2			5.98			48.7	Mer.	132	109	
	10	48.67	3			6.18			46.5	Mu.	203	3	
	8	46.62	2			6.20			....	Tr.	57	54	
	8	48.62	3			6.29 [3]			45.7	Mer.	138	22	[3] R. A. increased 1 min.
18427	8.9	46.46	1	19	38	9.30	27	11	9.1	Mer.	28	82	
	8	48.49	1			9.36			14.5	Mu.	176	83	
	8	47.45	1			9.56			13.2 [4]	Mu.	119	68	[4] Decl. changed five rev. south.
	8	46.40	1			9.98			13.9	Mer.	24	61	
18428	8	48.67	2	19	38	9.76	23	9	45.2	Mer.	148	43	
18429	8	48.55	1	19	38	10.76	23	44	34.1	Mer.	132	110	
	9	48.63	3			10.87			32.0	Tr.	186	17	
	10	48.49	3			11.32			.... [5]	Mer.	129	105	[5] Decl. changed three rev. north.
18430	8	46.46	7	19	38	11.57	41	20	7.6	Mer.	26	116	
18431	9	46.73	4	19	38	16.59 [6]	24	46	14.8	Mer.	69	9	[6] One thread decreased 10 sec.
18432	8.9	48.67	2	19	38	20. .. [7]	20	14	26.9	Mer.	146	18	[7] Separate threads give $19^s.51$, $20^s.77$.
	9	48.60	2			20.26			26.0	Mer.	137	53	
	10	48.62	1			20.27			30.2	Mu.	189	19	
18433	11	46.52	2	19	38	22.27	35	59	27.7 [8]	Tr.	41	33	[8] Decl. changed one wire interval north.
18434	10	48.62	2	19	38	25.34 [9]	20	55	3.6	Tr.	184	57	[9] R. A. decreased 1 min.
18435	7.8	46.62	3	19	38	28.09	28	51	17.3	Mer.	52	36	
	8	47.68	3			28.50			14.9	Tr.	128	2	
	6.7	47.65	3			28.55			17.0	Mer.	199	37	
	6.7	46.63	5			28.57			16.9	Mu.	47	44	
	7	47.68	5			28.58			16.6	Mu.	130	23	
18436	7	47.66	2	19	38	29.76	29	31	24.8	Tr.	126	31	
	5	46.63	2			29.77			....	Tr.	59	5	
	8.9	46.71	4			29.79			24.8	Mer.	61	13	
	7	47.71	3			29.80			25.4	Mu.	132	29	
	8	47.48	3			29.87 [10]			22.6	Tr.	125	52	[10] Minute assumed to have been recorded as thread I.
18437	7	46.71	3	19	38	31.29	25	59	22.9	Mu.	56	14	
	9	48.43	3			31.48 [11]			.... [12]	Tr.	164	103	[11] R. A. increased one thread interval.
	7	46.61	3			31.62			25.5	Tr.	53	84	[12] Decl. changed nine rev. south.
	8	47.59	1			31.67			25.4	Mer.	196	18	
	8	47.66	3			31.69			22.5	Mu.	129	14	
	9	46.72	3			31.69			21.3	Mer.	66	5	
	8.9	47.54	1			31.69 [13]			24.8	Mu.	123	81	[13] R. A. increased one thread interval.
18438	8	52.56	5	19	38	31.55	17	26	23.1	Tr.	284	14	
18439	8	48.67	2	19	38	31.61	23	10	24.3	Mer.	148	44	
	10	48.63	3			31.61			22.6	Mu.	193	15	
18440	9	46.70	3	19	38	33.80	34	58	54.7	Tr.	67	3	
18441	..	51.67	5	19	38	35.53	19	6	....	Mer.	242	4	
	..	51.67	5			35.54			....	Mer.	242	3	
	8	48.72	3			35.58			17.9	Mu.	205	12	
	7	51.67	5			35.65			15.9	Mer.	242	2	
	9	48.67	1			35.75			17.1	Mu.	201	17	
	9	48.62	4			35.83			.... [14]	Tr.	183	26	[14] Decl. changed one rev. south.
18442	8	47.40	4	19	38	35.60 [15]	28	5	40.6	Mer.	189	129	[15] One of five threads rejected; R. A.=$36^s.47$.
	8	46.60	3			35.72			....	Tr.	52	29	
	8	47.65	5			35.78			41.0	Mu.	128	59	
	8.9	46.71	6			35.91			43.4	Mer.	63	31	
	9	46.63	6			35.93			43.9	Mer.	55	24	
18443	9	48.55	3	19	38	35.60	22	11	25.4	Mu.	181	113	
	11	48.60	1			36.04			....	Tr.	182	43	
	9	48.67	2			36.04			27.0	Tr.	192	27	
	9	48.55	2			36.24			26.7	Mu.	182	77	
18444	8	47.70	1	19	38	42.51	29	50	8.6	Mu.	131	36	
18445	11	46.66	2	19	38	52.61	39	23	....	Tr.	60	20	
18446	10	47.48	1	19	38	57.69	26	15	43.7	Mer.	102	30	
	9.10	46.72	2			58.39			42.3	Mer.	66	6	
	8	46.71	1			59.10			38.3	Mu.	56	15	
18447	9	48.67	2	19	39	1.65 [16]	19	34	32.4	Mu.	201	18	[16] R. A. decreased 1 min.
	9	48.63	2			1.68			31.9	Mer.	141	21	
18448	8	52.56	5	19	39	3.30	17	25	56.7	Tr.	284	15	
18449	10	48.55	2	19	39	7.40	27	1	.... [17]	Tr.	178	53	[17] Decl. changed one rev. north.
	9	47.71	3			7.67 [18]			36.1	Mer.	107	8	[18] R. A. decreased 1 min.
	8	46.71	2			7.68			....	Tr.	70	8	
18450	9	48.55	2	19	39	9.05 [19]	21	19	23.3	Mer.	133	89	[19] One of three threads rejected; R. A.=$9^s.85$.
	8	48.56	3			9.40			....	Tr.	180	14	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
18451	8.9	47.68	1	19	39	9.68	29	3	39.0	Mu.	130	24	
	8	47.66	1			9.76			39.7	Tr.	126	32	
	9	46.62	2			9.80[1]			41.1	Mer.	52	37	[1] R. A. increased 10 sec.
	9	46.63	1			9.89			39.0	Mu.	47	45	
	9	47.68	2			9.91			42.6	Tr.	128	3	
	8	47.71	1			10.10			39.6	Mu.	132	30	
18452	7	51.67	5	19	39	11.63	18	46	5.7	Mer.	242	5	
	8.9	48.72	2			11.91			6.4	Mu.	205	13	
18453	8	46.40	1	19	39	12.58	27	27	28.8	Mer.	24	62	
	8.9	47.45	1			12.78			25.2	Mu.	119	69	
18454	9.10	46.71	2	19	39	18.43	29	15	59.8	Mer.	61	14	
	6	46.63	2			18.56			....	Tr.	59	6	
18455	9	52.56	4	19	39	20.29[2]	16	52	2.3	Mer.	250	11	[2] One of five threads rejected; R. A.=21^{s}.03.
18456	8	51.71	5	19	39	21.66	17	50	39.3	Mu.	279	10	
	8.9	48.72	6			21.86[3]			36.5	Mer.	149	11	[3] One of seven threads rejected; R. A.=20^{s}.94.
18457	10	48.63	2	19	39	22.61[4]	19	0	....	Tr.	185	65	[4] One of three threads rejected; R. A.=23^{s}.55.
18458	9	48.63	1	19	39	24.95	23	28	22.5	Tr.	186	18	
	8	48.55	1			25.12			24.6	Mer.	132	111	
	8	48.67	1			25.25			27.0	Mer.	148	45	
18459	9	48.67	1	19	39	28.01	21	3	11.2	Mer.	146	19	
18460	9	47.70	1	19	39	36.04	30	2	8.5	Mu.	131	37	
18461	7	46.72	2	19	39	36.41	30	46	....	Tr.	72	5	
	8	47.71	2			36.58			25.7	Tr.	134	3	
18462	9	46.53	1	19	39	36.78[5]	33	20	10.9	Tr.	45	30	[5] R. A. decreased 1 min.
18463	9	48.63	1	19	39	39.92[6]	19	10	18.2	Mer.	141	22	[6] R. A. increased one thread interval
18464	9	46.63	2	19	39	46.05	28	46	39.0	Mer.	55	25	
	8	47.65	3			46.08			39.7	Mer.	199	38	
18465	8	47.68	1	19	39	49.16	29	9	13.1	Tr.	128	4	
	7	46.71	2			49.34			10.1	Mer.	61	15	
	7	46.63	2			49.47			10.8	Mu.	47	46	
	7	46.62	3			49.49			8.5	Mer.	52	38	
	5	47.66	2			49.50			8.5	Tr.	126	33	
	7	47.68	3			49.54			11.3	Mu.	130	25	
	6.7	47.71	2			50.03			10.2	Mu.	132	31	
18466	11	46.62	1	19	39	59.70	24	31	....	Tr.	57	55	
	10	48.62	1			60.23			29.5[7]	Mer.	138	23	[7] Decl. changed one rev. south.
18467	8	51.60	5	19	40	0.03	16	31	49.0	Tr.	268	71	
18468	8	51.60	5	19	40	0.74	16	11	58.4	Tr.	268	70	
18469	10	46.52	1	19	40	1.76	34	37	37.0	Tr.	35	11	
18470	9	47.65	1	19	40	11.66	28	0	33.1	Mu.	128	60	
	8	47.40	2			12.18[8]			36.4	Mer.	189	130	[8] One of three threads rejected; R. A.=11^{s}.43.
18471	7	46.72	2	19	40	15.27	30	38	....	Tr.	72	6	
	8	47.71	2			15.46			28.3	Tr.	134	4	
18472	8	46.66	5	19	40	16.95	42	13	50.7	Mer.	56	25	
	8.9	46.69	6			17.24			45.6	Mer.	57	15	
18473	10	48.55	1	19	40	25.07[9]	21	5	45.9	Mer.	133	90	[9] R. A. decreased 10 sec
18474	8	46.46	2	19	40	25.47	32	23	....	Tr.	30	112	
18475	9	46.70	1	19	40	31.05	35	2	3.8	Tr.	67	4	
18476	7	48.49	2	19	40	45.57	26	43	55.7	Mu.	176	84	
	8	46.46	2			45.60			56.7	Mer.	28	83	
	10	48.55	2			46.13			....	Tr.	178	54	
18477	11	48.56	3	19	40	55.06	21	6	....	Tr.	180	15	
18478	9.10	48.67	1	19	40	55.31	24	5	19.7	Mu.	199	4	
	9	48.63	2			55.34			17.6	Tr.	186	19	
	9	48.66	2			55.42			22.0	Mu.	196	21	
	8	46.62	2			55.46			....	Tr.	57	56	
	9.10	48.49	3			55.52			....	Mer.	129	106	
	8	48.55	3			55.59			19.4	Mer.	132	112	
	9	48.67	1			55.73			20.0	Mu.	203	4	
18479	7	48.55	2	19	41	0.55	31	15	20.0	Mer.	134	90	
	8	46.61	3			1...[10]			22.2	Mu.	44	57	[10] Separate threads give 0^{s}.44, 1^{s}.07, 1^{s}.72.
18480	9	46.69	4	19	41	2.83[11]	42	27	53.8	Mer.	57	16	[11] One of five threads rejected; R. A.=3^{s}.66.
18481	11	48.62	1	19	41	4.00	19	43	....	Tr.	183	27	
	9	48.60	2			4.54[12]			50.9	Mer.	137	54	[12] Separate threads give 4^{s}.19, 4^{s}.90.
18482	10	48.62	3	19	41	6.31	20	34	19.6[13]	Tr.	184	58	[13] Decl. changed one rev. south.
18483	8	46.53	1	19	41	8.75	32	58	58.5	Tr.	45	31	
18484	7	48.49	2	19	41	9.66	27	5	16.2[14]	Mu.	176	85	[14] Decl. changed five rev. north.
	7	46.62	2			9.69			15 0	Mu.	45	55	
	6	46.71	2			9.84			....	Tr.	70	9	
	8	46.46	3			9.98			15.7	Mer.	28	84	
	9	47.71	4			9.98			14.0	Mer.	107	9	
	8	46.40	3			9.98[15]			15.2	Mer.	24	63	[15] Two threads decreased 10 sec. each.
18485	8.9	46.72	4	19	41	13.40[16]	37	16	7.4	Mu.	60	1	[16] One of five threads rejected; R. A.=12^{s}.21.
18486	8.9	46.40	2	19	41	15.87	27	39	24.3	Mer.	24	64	
	8.9	46.71	3			16.02			26.1	Mer.	63	32	
	9	47.45	1			16.07			27.4	Mu.	119	70	
18487	8	46.61	4	19	41	16.19	31	18	2.3	Mu.	44	58	
	7	48.55	1			16.35			3.2	Mer.	134	91	
	7	48.67	4	19	41	18.93	23	9	5.9	Mer.	148	46	
18488	9	48.63	3			19.17			7.1	Mu.	193	16	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
18489	10	48.49	1	19	41	22.46[1]	23	58	....	Mer.	129	107	[1] R. A. increased 1 min.
	9	48.55	1			23.16			56.5	Mer.	132	113	
18490	11	48.62	1	19	41	24.24	19	15	....	Tr.	183	28	
	8	48.63	2			24.44			31.2[2]	Mer.	141	23	[2] Decl. changed one wire interval south.
	11	48.67	1			24.76			30.2	Mu.	201	19	
18491	11	48.60	1	19	41	27.06[3]	22	0	....[4]	Tr.	182	44	[3] R. A. decreased 1 min.
	10	48.55	1			28.09			52.6[5]	Mu.	182	78	[4] Decl. changed one rev. north.
18492	10	51.67	5	19	41	28.72	18	13	....	Tr.	270	9	[5] Decl. changed five rev. north.
	10	48.72	3			28.85[6]			55.3[7]	Mer.	149	12	[6] R. A. increased 1 min. and decreased one thread interval.
18493	7	46.52	3	19	41	28.81	35	41	6.8	Tr.	41	34	
18494	9	46.70	4	19	41	30.04	41	4	52.8	Mer.	59	7	[7] Decl. changed two wire intervals south.
	9	46.46	7			30.13			55.4	Mer.	26	117	
18495	..	47.48	2	19	41	31.33	26	32	36.6	Mer.	102	31	
	8	46.71	1			31.54			35.0	Mu.	56	16	
	9	47.66	2			31.66			32.6	Mu.	129	15	
18496	8.9	46.71	3	19	41	31.74	27	43	24.2	Mer.	63	33	
	8	47.45	1			31.91			26.3	Mu.	119	71	
	9	46.52	2			31.98			22.0	Mu.	30	1	
	7	47.65	2			31.99			23.7	Mu.	128	61	
18497	8	47.59	7	19	41	33.06	25	40	41.3	Mer.	196	19	
	8.9	46.73	4			33.11			47.4	Mer.	68	13	
	8	46.61	3			33.15			43.8	Tr.	53	85	
	7.8	47.54	4			33.16			41.9	Mu.	123	82	
	9	48.43	2			33.17			....	Tr.	164	104	
	9	46.72	7			33.28[8]			44.2	Mer.	66	7	[8] R. A. decreased 1 min.
18498	7	51.71	5	19	41	33.64	18	19	27.1	Mu.	279	11	
	8	51.67	5			33.65			....	Tr.	270	8	
18499	7	46.47	7	19	41	38.79	40	14	58.1	Mer.	29	9	
18500	9	46.71	2	19	41	44.77	27	1	....	Tr.	70	10	
18501	7	46.64	4	19	41	47.77	37	42	31.9	Mu.	48	42	
	7.8	46.72	1			47.97			33.5	Mu.	60	2	
18502	9	48.60	3	19	41	48.89	19	39	....	Mer.	137	55	
18503	7	46.73	4	19	41	54.44	38	46	41.6	Mu.	62	3	
18504	7	47.45	1	19	41	54.97	27	50	46.7	Mu.	119	72	
	7	47.65	3			55.07			46.3	Mu.	128	62	
	8	46.52	2			55.13			47.6	Mu.	30	2	
	7.8	46.71	3			55.37			46.1	Mer.	63	34	
	6.7	46.52	2			55.44			49.3	Mer.	39	1	
	7	46.62	1			55.50			46.9	Mu.	45	57	
18505	8	48.55	1	19	41	55.53	31	29	33.1	Mer	134	92	
18506	8.9	47.74	5	19	42	0.51	14	17	49.2	Mu.	135	1	
18507	10	48.49	2	19	42	6.39[9]	23	44	....	Mer.	129	108	[9] R. A. increased 2 min.
	8	48.55	1			6.56			11.6	Mer.	132	114	
	9	48.63	1			6.94			15.6	Tr.	186	20	
	9	48.66	2			7.05			12.8	Mu.	196	22	
18508	8	47.65	3	19	42	6.87	28	50	10.8	Mer.	199	39	
	9	46.62	3			7.01[10]			11.4	Mer.	52	39	[10] R. A. increased 10 sec.
	8.9	46.63	3			7.03			6.7	Mu.	47	47	
	8.9	47.68	3			7.06			7.3	Mu.	130	26	
	9	47.68	2			7.09			3.2	Tr.	128	5	
18509	8	46.60	3	19	42	8.27	28	21	....	Tr.	52	30	
	9	46.63	2			8.50			51.5	Mer.	55	26	
	9	47.40	3			8.59			50.4[11]	Mer.	189	131	[11] Decl. changed ten rev. south.
18510	9	47.66	4	19	42	9.58	25	16	....	Mer.	104	23	
	8	46.61	4			9.68			26.6	Mu.	42	69	
	7	47.54	2			9.71			27.9	Mu.	123	83	
	8	46.73	4			9.84			27.8	Mer.	69	10	
	7.8	46.73	4			9.93[12]			27.7	Mer.	68	14	[12] Separate threads give $9^s.44$, $9^s.53$, $10^s.42$, $10^s.31$.
18511	8.9	46.73	4	19	42	19.74	25	10	0.3	Mer.	69	11	
18512	9	46.66	3	19	42	23.02	39	49	....	Tr.	60	21	
18513	9	48.67	1	19	42	23.92	20	52	36.9	Mer.	146	20	
18514	6.7	46.52	1	19	42	26.70	27	27	27.2	Mer.	39	2	
	7	47.45	1			26.79			28.9	Mu.	119	73	
	9	46.52	2			26.92			28.3	Mu.	30	3	
	7	46.62	2			26.93			27.7	Mu.	45	56	
	8	47.54	3			27.13			31.4	Mer.	195	105	
18515	11	48.56	3	19	42	30.19	21	31	....	Tr.	180	16	
	10	48.55	3			30.41			29.1	Mer.	133	91	
18516	8	47.65	2	19	42	30.98	28	55	62.3	Mer.	199	40	
	8	47.68	1			31.00			97.5[13]	Mu.	130	28	[13] If micrometer reading be assumed as 22.648 instead of 22.048 rev., as recorded, Decl. = $59''.8$.
	9	46.62	4			31.25[14]			60.5	Mer.	52	40	
	9	47.68	2			31.41			59.4	Tr.	128	6	
	8	46.63	2			31.54			59.2	Mu.	47	48	[14] Two threads increased 10 sec. each.
18517	10	47.71	1	19	42	35.48	30	48	9.1	Tr.	134	5	
18518	8	47.65	2	19	42	39.11	28	52	32.3	Mer.	199	41	
	8.9	47.68	3			39.13			30.4	Mu.	130	27	
	8	46.63	2			39.29			30.7	Mu.	47	49	
	9	47.68	1			39.30			30.4	Tr.	128	7	
	9	46.62	3			39.52			32.9	Mer.	52	41	
18519	10	46.40	2	19	42	47.08	38	2	26.2	Tr.	24	14	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
18520	8	48.67	1	19	42	51.57	19	35	18.0	Mu.	201	20	
	7	48.63	3			51.63			16.6	Mer.	141	24	
18521	8	47.70	2	19	42	53.62	30	5	44.2	Mu.	131	38	
18522	6	51.60	5	19	42	57.00	16	14	41.1	Tr.	268	72	
18523	9	47.66	1	19	43	1.17	24	48	....	Mer.	104	24	
	9	46.73	4			1.35			54.9	Mer.	69	12	
	9	48.67	3			1.52			57.0	Mu.	203	5	
	8	46.62	3			1.56			....	Tr.	57	57	
	8	46.61	2			1.59			57.4	Mu.	42	70	
18524	9	48.60	2	19	43	5.81	20	4	26.3	Mer.	137	56	
	8	48.49	2			5.97[1]			....	Tr.	169	112	[1] One thread increased one thread interval.
	10	48.62	3			6.14			23.6	Mu.	189	20	
18525	9	46.53	1	19	43	6.00	33	8	36.1	Tr.	45	32	
18526	9	46.70	2	19	43	6.92	40	45	0.1	Mer.	59	8	
18527	9	52.56	5	19	43	8.12	17	38	43.0	Tr.	284	16	
18528	7	46.69	5	19	43	11.07	32	21	20.4	Mu.	51	7	
	8	46.46	3			11.14			....	Tr.	30	113	
18529	10	46.71	2	19	43	14.50	27	2	....	Tr.	70	11	
18530	10	46.66	2	19	43	18.58	39	16	....	Tr.	60	22	
18531	9	46.61	2	19	43	20.69	31	17	12.8[3]	Mu.	44	59[2]	[2] GZ gives $24^{s}.1$, $14' 3''$.
18532	8	48.55	1	19	43	23.95	31	14	4.8	Mer.	134	93	[3] If micrometer reading be assumed as 34 instead of 31 rev., as recorded, Decl.$=14' 3''.9$.
18533	9.10	48.67	2	19	43	24.34	20	37	33.7	Mer.	146	21	
	10	48.60	1			24.39[4]			34.4	Mu.	188	44	
	10	48.62	3			24.47			34.8[5]	Tr.	184	59	[4] R. A. increased one thread interval.
18534	7	51.69	5	19	43	26.69	17	8	61.4	Tr.	273	8	[5] Decl changed one wire interval south.
	9	52.55	5			26.78			56.9	Tr.	283	1	
18535	8	46.60	2	19	43	27.54	28	31	....	Tr.	52	31	
	9	46.63	3			27.79			16.7	Mer.	55	27	
	7	47.65	1			27.95			23.9	Mu.	128	63	
	8	47.40	3			28.01			17.6	Mer.	189	132	
	9	46.63	1			28.11			16.2	Mu.	47	50	
18536	5	48.63	3	19	43	28.46	19	25	15.8[6]	Mer.	141	25	[6] Decl. changed one wire interval south.
	8	48.62	2			28.69			....	Tr.	183	29	
	7.6	48.67	2			28.91			13.7	Mu.	201	21	
18537	9	48.62	3	19	43	28.56[7]	24	19	36.8	Mer.	138	24	[7] One of four threads rejected; R. A.$=29^{s}.31$.
18538	9	47.45	1	19	43	31.47	27	13	4.6	Mu.	119	74	
	9	47.54	2			31.57			7.8	Mer.	195	106	
	7	46.71	2			31.74			....	Tr.	70	12	
	9	47.71	5			31.96			5.0	Mer.	107	10	
18539	8	46.71	2	19	43	36.71	26	33	29.8	Mu.	56	17	
	9	47.66	3			36.82			26.6	Mu.	129	16	
	11	48.55	3			36.85[8]			....	Tr.	178	55	[8] Separate threads give $36^{s}.36$, $36^{s}.86$, $37^{s}.32$.
18540	8.9	46.73	3	19	43	38.24	25	22	29.0	Mer.	68	15	
	10	48.43	4			38.45			....	Tr.	164	105	
	8	47.59	1			38.88			31.1	Mer.	196	20	
18541	9	46.72	2	19	43	42.52	30	40	....	Tr.	72	7	
	8.9	47.71	2			42.65			14.0	Tr.	134	6	
18542	9	47.59	2	19	43	44.77	25	35	3.6	Mer.	196	21	
	8.9	46.73	2			44.81			4.1	Mer.	68	16	
18543	10	48.55	1	19	43	46.91	21	43	18.0	Mu.	182	79	
18544	9	48.62	2	19	43	49.59	24	15	37.0	Mer.	138	25	
18545	4	51.69	5	19	43	50.58	17	15	62.7	Tr.	273	9	
	7	52.56	5			50.70			57.8	Mer.	250	12	
18546	8	48.55	2	19	43	52.01	23	32	10.5	Mer.	132	115	
	6	48.67	3			52.30			6.2	Mer.	148	47	
	8	48.66	2			52.33			17.7[9]	Mu.	196	23	[9] Decl. changed ten rev. north.
	8	48.63	2			52.63			13.2	Tr.	186	21	
	8	48.63	3			52.66			9.1	Mu.	193	17	
18547	9	48.72	3	19	43	53.27	18	43	24.6	Mu.	205	14	
	8	51.67	5			53.28			21.1	Mer.	242	6	
	9	48.63	2			53.57[10]			....	Tr.	185	66	[10] One of three threads rejected; R. A.$=54^{s}.44$.
18548	9	48.60	2	19	43	53.39	19	45	15.1	Mer.	137	57	
18549	8.9	46.70	4	19	43	56.93	40	33	45.4	Mer.	59	9	
18550	8	47.71	..	19	44	0...	30	38	53.6	Tr.	134	7	
	8	46.72	2			0.26			....	Tr.	72	8	
18551	10	48.55	2	19	44	1.40[11]	21	26	53.4	Mer.	133	92	[11] One of three threads rejected; R. A.$=2^{s}.38$.
	10	48.56	1			2.19			....	Tr.	180	17	
18552	7	46.61	3	19	44	1.44	25	50	30.9	Tr.	53	86	
	7.8	47.54	2			1.77			27.0	Mu.	123	84	
	8.9	46.72	7			1.79			27.8	Mer.	66	8	
18553	9	46.53	1	19	44	2.90	33	2	41.0	Tr.	45	33	
18554	11	46.63	2	19	44	4.12[12]	29	32	....	Tr.	59	7	[12] R. A. increased 1 min.
18555	7	46.52	1	19	44	12.25	27	19	27.4	Mer.	39	3	
	9	47.54	1			12.34			30.6	Mer.	195	107	
	8	46.62	2			12.68			28.0	Mu.	45	58	
18556	9	46.66	4	19	44	17.94	36	22	7.5	Mu.	49	30	
18557	10	48.49	2	19	44	32.46	23	46	....	Mer.	129	109	
	9	48.63	1			32.65[13]			16.9	Tr.	186	22	[13] R. A. decreased 1 min.
	9	48.55	2			32.89			27.8	Mer.	132	116	
18558	9	47.68	3	19	44	43.84[14]	25	58	50.6	Mer.	105	4	[14] R. A. decreased 1 min.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
18559	8	51.67	5	19	44	44.27	18	17	....	Tr.	270	10	
	9	48.72	3			44.28			27.5	Mer.	149	13	
	9	51.71	5			44.33			27.0	Mu.	279	12	
18560	8.9	47.65	1	19	44	46.02	27	52	24.3	Mu.	128	64	
	8	46.60	2			46.21			....	Tr.	52	32	
	9	46.71	4			46.48			26.2	Mer.	63	35	
18561	10	48.55	2	19	44	46.88	21	20	42.8	Mer.	133	93	
18562	5	46.69	5	19	44	53.91	42	15	24.0	Mer.	57	17	
	5	46.66	3			54.10			27.5	Mer.	56	26	
18563	8	46.46	2	19	44	58.64	27	4	46.6[1]	Mer.	28	85	[1] Decl. changed one wire interval south and one rev. north.
	6	46.71	3			58.70			....	Tr.	70	13	
	7.8	46.52	2			59.01			45.2	Mer.	39	4	
	8	48.55	1			59.04			....	Tr.	178	56	
	9	47.71	2			60. . .[2]			45.2	Mer.	107	11	[2] Separate threads give 61^s.68, 60^s.42.
18564	9	46.73	4	19	45	2.21[3]	24	52	52.9	Mer.	69	13	[3] Two threads increased 4 sec. each. See note on R. A. of No. 18566_3.
18565	9	48.67	2	19	45	6.44	22	51	28.4	Mer.	148	48	
18566	9	46.61	2	19	45	7. . .[4]	24	53	34.7	Mu.	42	71	[4] Last thread increased one thread interval. Separate threads give 7^s.75, 8^s.59 Gou gives 7^s.8.
	10	47.66	2			7.53[5]			....	Mer.	104	25	
	8	46.73	5			8.12[6]			32.0[7]	Mer.	69	14	
18567	7	46.61	2	19	45	10.28	36	35	15.6	Tr.	56	24	[5] R. A. increased one thread interval.
	7	46.66	3			10.47			14.8	Mu.	49	31	[6] Two threads increased 4 sec. each. See note on No. 18564.
18568	7	52.56	4	19	45	13.75[8]	17	1	46.4	Mer.	250	13	
	9	52.55	5			13.82			50.4	Tr.	283	2	[7] Decl. changed one rev. north.
18569	9	48.55	2	19	45	14.17	26	57	....	Tr.	178	57	[8] R. A. decreased 1 min.
18570	8.9	47.74	2	19	45	15.60[9]	14	33	27.6	Mu.	137	1	[9] One of three threads rejected; R. A. = 16^s.40.
	9	47.74	3			15.83			28.3	Mu.	135	2	
18571	9	46.71	4	19	45	17.50	27	44	21.1	Mer.	63	36	
18572	4	48.43	2	19	45	17.97[10]	24	18	33.2	Mu.	170	94	[10] Separate threads give 18^s.45, 17^s.48.
	8	48.62	3			18.37			34.1	Mer.	138	26	
	5	46.62	2			18.39			....	Tr.	57	58	
	8	48.67	6			18.59			32.9	Mu.	203	6	
18573	9	46.70	4	19	45	19.47	40	58	14.7	Mer.	59	10	
18574	11	48.63	1	19	45	23.69	18	29	....	Tr.	185	67	
18575	6.7	46.53	2	19	45	27.85	33	25	58.6	Tr.	45	34	
	7	46.53	4			27.90			56.8	Mu.	36	55	
18576	9	48.60	1	19	45	30.04	19	42	1.6	Mer.	137	58	
	10	48.49	2			30.41			....[11]	Tr.	169	113	[11] Decl. changed one wire interval north.
18577	9	48.72	2	19	45	30.70	17	47	57.1	Mer.	149	14	
18578	8	46.54	7	19	45	31.62	44	23	....	Mer.	44	13	
18579	9	46.73	1	19	45	35.73	24	38	7.8[12]	Mer.	69	15	[12] Decl. changed one rev. south.
18580	8.9	47.74	2	19	45	36.48	14	14	9.6	Mu.	137	2	
	9	47.74	3			36.55			10.9	Mu.	135	3	
18581	9.10	46.71	3	19	45	40.77	29	47	10.5	Mer.	61	16	
	8	47.70	1			41.14			11.8	Mu.	131	39	
18582	9	47.65	3	19	45	45.04[13]	28	49	12.8	Mer.	199	42	[13] R. A. increased 1 min. One thread increased 10 sec.
	9	46.62	3			45.17			9.6	Mer.	52	42	
18583	8	48.67	2	19	45	47.41[14]	19	19	14.4	Mu.	201	22	[14] One thread increased one thread interval.
	8	48.63	3			47.58			15.6	Mer.	141	26	
	9	48.62	3			47.84			....	Tr.	183	30	
18584	9	46.62	1	19	45	54.46	27	29	43.1	Mu.	45	59	
	9	47.54	2			54.67			45.7	Mer.	195	108	
	8	46.52	1			54.69			43.3	Mer.	39	5	
	7	47.45	2			54.71			46.7	Mu.	119	75	
	9	46.52	2			54.90			44.5	Mu.	30	4	
18585	9	48.55	1	19	45	56.73	24	2	13.8	Mer.	132	117	
18586	9.10	47.66	3	19	45	58.10	26	22	59.3	Mu.	129	17	
	9	47.66	1			58.27			56.5	Mer.	200	1	
18587	11	46.66	2	19	46	2.33	39	37	....	Tr.	60	23	
18588	9	46.73	1	19	46	4.44[15]	38	39	11.7[16]	Mu.	62	4	[15] Minute assumed.
18589	9	46.58	4	19	46	4.93	31	28	57.2	Mu.	40	1	[16] Decl. changed five rev. south. If micrometer reading be assumed as 40.79 instead of 45.29 rev., as recorded, Decl. = 38′ 40″.1. Gou and GZ give 45″.
	9	46.61	3			5. . .[17]			60.5	Mu.	44	60	
	8	48.55	3			5.10			58.4	Mer.	134	94	
18590	11	46.61	1	19	46	5.58	25	54	31.7	Tr.	53	87	
18591	7	46.73	2	19	46	8.37	38	42	56.1[18]	Mu.	62	5	[17] Separate threads give 3^s.19, 5^s.05, 7^s.02.
18592	6	51.60	5	19	46	8.66	16	17	58.5	Tr.	268	73	[18] Decl. changed five rev. south.
18593	9	47.48	2	19	46	9.82	29	28	57.5	Tr.	125	53	
	9	46.71	2			9.83			63.6	Mer.	61	17	
	5	46.63	2			10.12			....	Tr.	59	8	
	7.8	47.71	3			10.15			64.7	Mu.	132	32	
	8	47.66	1			10.17			63.9	Tr.	126	34	
18594	9	48.62	2	19	46	9.93	24	17	44.1	Mer.	138	27	
	8	46.62	2			10.04			....	Tr.	57	59	
	9	48.67	3			10.26			43.1	Mu.	203	7	
	7	48.43	2			10.28			40.1	Mu.	170	95	
18595	9	48.63	2	19	46	18.95	19	9	20.7	Mer.	141	27	
18596	9	52.56	5	19	46	19.03	17	26	18.1	Tr.	284	17	
18597	10	48.60	1	19	46	22.64[19]	20	43	49.4	Mu.	188	45	[19] R. A. increased one thread interval.
	9	48.62	3			23.06			46.4	Tr.	184	60	
	9	48.67	2			23.17			46.5[20]	Mer.	146	22	[20] Decl. changed one rev. north.
18598	8	47.66	1	19	46	23.49	29	35	55.6	Tr.	126	35	
	8	47.71	1			23.51			52.8	Mu.	132	33	
	9	47.48	1			23.57			48.3	Tr.	125	54	
	6	46.63	1			24.03			....	Tr.	59	9	

NO	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
18599	8	48.55	1	19	46	33.76	24	5	53.1	Mer.	132	118	
	9	48.63	2			33.99			57.4	Tr.	186	23	
	10	48.49	1			34.08			....	Mer.	129	110	
18600	9	46.71	2	19	46	35.71	29	34	45.7	Mer.	61	18	
	6.7	47.66	1			35.77			48.5	Tr.	126	36	
	5.6	46.72	3			35.95			46.4	Mu.	58	2	
	7	47.71	2			36.03			46.8	Mu.	132	34	
18601	5	48.55	1	19	46	38.26	26	41	....	Tr.	178	58	
	6	46.46	3			38.45			33.9	Mer.	28	86	
	6	46.71	2			38.54			36.6	Mu.	56	18	
	5	47.66	4			38.68			35.1	Mu.	129	18	
	4	48.49	2			39.19			37.1	Mu.	176	86	
18602	8	48.49	1	19	46	39.04	19	40	....	Tr.	169	114	
	7	48.67	2			39.26			53.9	Mu.	201	23	
	8.9	48.60	3			39.53			51.8	Mer.	137	59	
	7	48.62	4			39.55			53.2[1]	Mu.	189	21	[1] Decl. changed one rev. south.
	9	48.62	2			39.66			....[2]	Tr.	183	31	[2] Decl. changed one wire interval south.
18603	11	48.60	1	19	46	40.10	21	53	....	Tr.	182	45	
	11	48.60	1			40.21			....	Tr.	182	46	
	9	48.55	2			40.32[3]			40.4	Mu.	182	80	[3] One thread increased 10 sec.
18604	9	47.74	2	19	46	40.12	14	10	19.2	Mu.	135	4	
	8.9	47.74	2			40.25			17.6	Mu.	137	3	
18605	5	46.71	2	19	46	41.93	26	56	....	Tr.	70	14	
	8	47.71	3			42.05			25.0	Mer.	107	12	
	6	48.49	2			42.09			27.6	Mu.	176	87	
	8	46.46	1			42.27			26.1	Mer.	28	87	
18606	10	47.71	2	19	46	46.16	30	54	2.0	Tr.	134	8	
18607	8	46.46	2	19	46	46.17	31	59	....	Tr.	30	114	
18608	8	46.72	5	19	46	48.44	37	29	50.4	Mu.	60	3	
18609	7	48.55	4	19	46	56.19	31	15	8.3[4]	Mer.	134	95	[4] Decl. changed one wire interval south.
18610	9	48.72	4	19	46	59.50	17	56	64.6	Mer.	149	15	
	9	51.71	5			59.63			58.8	Mu.	279	13	
18611	9	46.46	5	19	47	6.36	41	23	36.9	Mer.	26	118	
18612	8	46.71	2	19	47	7.13	27	5	....	Tr.	70	15	
18613	9	48.67	2	19	47	12.66	20	53	4.2	Mer.	146	23	
18614	6	46.66	2	19	47	13.13	39	45	....	Tr.	60	24	
18615	8	48.63	3	19	47	13.99	19	15	57.8	Mer.	141	28	
18616	8	47.65	2	19	47	21.12	28	0	48.3	Mu.	128	65	
	8	46.60	3			21.23			....	Tr.	52	33	
	9	46.71	4			21.36			50.3	Mer.	63	37	
	8	47.40	3			21.84			50.1	Mer.	189	133	
18617	5	48.55	2	19	47	22.04	30	57	42.8	Mer.	134	96	
	7	47.46	4			22.19			43.1	Mu.	121	1	
	6.7	46.58	2			22.27[5]			43.3	Mu.	40	2	[5] R. A. increased one thread interval.
	7	46.61	3			22.31			42.6	Mu.	44	61	
	6	46.72	2			22.38			....	Tr.	72	9	
	6	47.71	3			22.43			45.3	Tr.	134	9	
18618	9	46.70	5	19	47	25.14	34	57	19.6	Mu.	54	16	
	8	46.70	2			25.24			19.9	Tr.	67	5	
18619	10	46.73	3	19	47	35.29	25	41	40.4	Mer.	68	17	
18620	8	46.71	1	19	47	40.04	38	26	56.7	Tr.	71	1	
	6.7	46.73	2			40.20[6]			55.7	Mu.	62	6	[6] One of three threads rejected; R. A.=$39^{s}.43$.
18621	7	48.55	2	19	47	42. . .[7]	23	27	27.3	Mer.	132	119	[7] Separate threads give $42^{s}.92$, $41^{s}.70$.
	7	48.67	2			42.51			23.3	Mer.	148	50	
	8	48.66	1			42.91			33.8[8]	Mu.	196	24	[8] Reduced for wire 3 as recorded. If reduced for wire 4, Decl.=$25''.4$. To have bisected with wire 3 would have required turning the micrometer screw fifteen rev. between this and the preceding star and no motion between the observation of this and the following star. To have bisected with wire 4, would have required practically no moving before the observation, but fifteen rev. before observing the next star.
	10	48.49	4			43.02			....	Mer.	129	111	
	7	48.63	2			43.09			30.6	Tr.	186	24	
18622	9	48.67	3	19	47	43.35	23	6	19.4	Mer.	148	49	
	10	48.63	2			43.41			21.7	Mu.	193	18	
18623	6.7	47.54	4	19	47	43.90[9]	27	33	42.1	Mer.	195	109	
	5.6	46.71	6			43.97			43.0	Mer.	63	38	
	4.5	47.45	4			44.23			45.5	Mu.	119	76	
	4.5	46.52	4			44.24			48.4	Mer.	39	6	
	4.5	46.62	3			44.39			44.6	Mu.	45	60	
	4	46.52	5			44.54			46.3	Mu.	30	5	[9] R. A. decreased 1 min.
18624	9	52.55	5	19	47	48.89	16	45	52.2	Tr.	283	3	
	6	51.69	5			49.06			49.1	Tr.	273	10	
18625	7	47.71	2	19	47	49.38	30	35	39.5	Tr.	134	10	
	8	46.72	2			49.59			....	Tr.	72	10	
18626	8	46.66	2	19	47	56.68	39	36	....	Tr.	60	25	
18627	8	46.62	2	19	47	59.96	24	43	....	Tr.	57	60	
	10	47.66	4			60.12[10]			....[11]	Mer.	104	26	[10] R. A. decreased 1 min.
	9	48.67	3			60.13			43.5	Mu.	203	8	[11] Decl. changed one wire interval south.
	8.9	46.73	4			60.13			44.6	Mer.	69	16	
	9	48.43	1			60.20			42.3	Mu.	170	96	
18628	8.9	46.73	2	19	48	0. . .[12]	25	28	56.8	Mer.	68	18	[12] Separate threads give $0^{s}.26$, $2^{s}.20$. Gou gives $1^{s}.5$.
	8	47.59	1			0.85			56.5	Mer.	196	22	
	10	48.43	1			1.24			....[13]	Tr.	164	106	[13] Decl. changed one rev. south.
	8	47.54	2			1.60			52.7	Mu.	123	85	
18629	8	51.67	5	19	48	1.73	18	18	....	Tr.	270	11	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
18630	6	51.60	5	19	48	2.55	16	5	50.9	Tr.	268	74	
18631	10	46.71	2	19	48	5.72	27	7	....	Tr.	70	16	
18632	7	48.49	1	19	48	6.33	26	36	49.4	Mu.	176	88	
	8	47.68	3			6.37			48.7	Mer.	105	5	
	9	46.46	1			6.45			52.2	Mer.	28	88	
	8	47.66	4			6.58			50.7	Mu.	129	19	
	8	46.71	2			6.66			50.0	Mu.	56	19	
	10	48.55	2			6.78 [1]			.... [2]	Tr.	178	59	[1] One thread decreased one thread interval.
	8	47.66	3			6.85			50.4	Mer.	200	2	[2] Decl. changed one rev. north.
18633	9	46.52	1	19	48	7.65	34	36	42.5	Tr.	35	12	
18634	10	48.63	3	19	48	8.25	18	38	....	Tr.	185	68	
	9	51.65	5			8.32			22.1	Tr.	269	24	
	9	48.72	2			8.60			21.7 [3]	Mu.	205	15	[3] Decl. changed five rev. south.
18635	9	51.71	5	19	48	8.57	18	8	13.6	Mu.	279	14	
	9	48.72	2			8.63			20.1	Mer.	149	16	
18636	10	48.60	1	19	48	11.47 [4]	20	58	39.0	Mu.	188	46	[4] R. A. increased one thread interval.
	10	48.62	2			11.53			41.5	Tr.	184	61	
	9	48.67	1			11.78			32.5	Mer.	146	24	
	12	48.56	1			12.75			....	Tr.	180	18	
18637	9	47.59	1	19	48	13.29	25	27	7.2	Mer.	196	23	
	8.9	46.72	2			13.47			3.9	Mer.	68	19	
	8	47.54	1			13.64			4.6	Mu.	123	86	
18638	10	48.73	3	19	48	13.83	17	0	38.1	Tr.	195	1	
	9	52.55	5			13.89			31.1	Tr.	283	4	
	7	52.56	5			14.11			33.2 [5]	Mer.	250	14	[5] Decl. changed five rev. south.
18639	9	46.73	4	19	48	17.63	25	12	6.4	Mer.	69	17	
18640	7	51.67	5	19	48	18.53	18	45	23.4	Mer.	242	7	
	10	48.63	1			18.55			....	Tr.	185	69	
	9	48.72	2			18.62 [6]			22.1	Mu.	205	16	[6] One thread increased 10 sec
18641	7	46.61	2	19	48	19.26	37	4	51.1	Tr.	56	25	
18642	9	47.48	3	19	48	20.77	29	28	35.3	Tr.	125	55	
	10	46.71	2			20.79			39.4	Mer.	61	19	
	10	47.66	1			21.16			38.9	Tr.	126	37	
	8	46.63	2			21.35			....	Tr.	59	10	
18643	9	47.59	1	19	48	22.62	25	34	18.4	Mer.	196	24	
	8	46.73	2			22.77			21.7	Mer.	68	20	
	8	46.61	3			23.04			21.2	Tr.	53	88	
	7.8	47.54	1			23.06			21.8	Mu.	123	87	
	9	46.72	5			23.40			20.1	Mer.	66	9	
18644	6	46.52	2	19	48	23.99	35	35	1.5	Tr.	41	35	
18645	8.9	46.70	5	19	48	26.72	40	56	20.9	Mer.	59	11	
18646	8.9	46.46	4	19	48	34.45	41	32	43.5	Mer.	26	119	
	9	46.66	2			34.52			43.6	Mer.	56	27	
18647	9	46.58	3	19	48	37.64	28	43	16.6	Mer.	48	21	
	9	47.68	2			37.73			11.8	Tr.	128	8	
	10	47.65	4			38.04			18.1	Mer.	199	43	
18648	10	48.63	1	19	48	39.73	19	14	20.5	Mer.	141	29	
18649	9	47.68	2	19	48	41. . . [7]	28	59	22.1	Mu.	130	29	[7] Separate threads give 41ˢ.50, 40ˢ.65.
	9	46.63	1			41.11			20.7	Mu.	47	51	
	9	46.58	3			41.52			21.7	Mer.	48	20	
	8	47.71	1			41.73			17.6	Mu.	132	35	
18650	9	48.49	1	19	48	42.35 [8]	19	55	....	Tr.	169	115	[8] R. A. decreased one thread interval.
	9	48.60	3			42.60			24.1	Mer.	137	60	
18651	11	48.63	1	19	48	44.60	23	19	50.9	Mu.	193	19	
	9	48.67	1			45.00			50.7	Mer.	148	51	
18652	9	51.69	5	19	48	49.99	16	48	10.7	Tr.	273	11	
18653	9	46.69	4	19	48	50.12 [9]	42	13	40.2	Mer.	57	18	[9] One of five threads rejected; R. A.=49ˢ.35.
18654	9	47.71	3	19	48	54.92	26	43	23.2	Mer.	107	13	
18655	9	46.61	1	19	48	56.56	24	49	53.4	Mu.	42	72	
	8	46.62	2			56.64			....	Tr.	57	61	
	10	47.66	2			56.81 [10]			....	Mer.	104	27	[10] One of three threads rejected; R. A.=57ˢ.57.
	8.9	46.73	2			56.97			51.4	Mer.	69	18	
18656	8	46.69	4	19	48	56.72	32	49	24.4	Mu.	51	8	
18657	9	46.53	1	19	48	59.19	33	1	35.1	Tr.	45	35	
	7	46.46	1			59.34			37.6	Tr.	27	1	
18658	7	46.72	1	19	49	4.45 [11]	30	28	16.6	Mu.	58	3	[11] R. A. decreased 10 sec.
	8	47.71	2			4.46			8.1	Tr.	134	11	
18659	9	46.53	3	19	49	12.95	33	48	39.9	Mu.	36	56	
18660	9	46.60	2	19	49	22.47	28	7	....	Tr.	52	34	
	9	47.65	2			22.55			43.7	Mu.	128	66	
	9	47.40	4			22.81 [12]			45.8	Mer.	189	134	[12] R. A. decreased one thread interval. One of five threads rejected; R. A.=21ˢ.36.
18661	9	51.65	5	19	49	23.60	18	41	1.1	Tr.	269	25	
	9	48.63	1			23.82			....	Tr.	185	70	
18662	7	48.66	1	19	49	23.95	23	43	42.8	Mu.	196	25	
	7	48.63	2			24.27			35.3	Tr.	186	25	
	7	48.55	3			24.56			39.8	Mer.	132	120	
	9	48.49	3			24.97			....	Mer.	129	112	
18663	5	46.72	2	19	49	29.53	30	56	....	Tr.	72	11	
	7	46.61	5			29.53			6.2	Mu.	44	62	
	6.7	47.46	5			29.53			5.9	Mu.	121	2	
	5	48.55	2			29.58			5.2	Mer.	134	97	
	7	46.58	5			29.79			6.4	Mu.	40	3	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
18664	7	47.71	1	19	49	30.67	29	3	6.3	Mu.	132	36	
	8	47.68	1			30.79			7.4	Tr.	128	9	
	7	47.66	1			30.86			3.5	Tr.	126	38	
	8.9	47.68	3			30.88			7.1	Mu.	130	30	
	8	47.65	3			30.91			7.9	Mer.	199	44	
	8.9	46.63	4			30.94			5.7	Mu.	47	52	
	9	46.58	4			30.98			7.7	Mer.	48	22	
18665	8	48.62	3	19	49	39.24	24	4	25.4	Mer.	138	28	
18666	9	48.67	2	19	49	39.96	22	38	57.0	Tr.	192	28	
	9	48.55	2			40.22			58.3	Mu.	181	114	
18667	9	47.54	1	19	49	41.40	25	20	19.6	Mu.	123	88	
18668	9	46.70	4	19	49	45.00	41	12	28.1	Mer.	59	12	
	9	46.46	5			45.26			28.0	Mer.	26	120	
18669	10	48.67	1	19	49	45.53	23	1	0.4	Mer.	148	52	
18670	7.8	46.72	5	19	49	46.36	37	46	33.1	Mu.	60	4	
18671	8	52.56	5	19	49	47.19[1]	16	34	40.4	Mer.	250	15	[1] R. A. decreased 1 min.
	11	48.73	2			47.28			52.7[2]	Tr.	195	2	[2] Decl. changed one rev. north.
18672	7	47.68	2	19	49	47.78[3]	26	35	47.5	Mer.	105	6	[3] R. A. decreased 1 min. One of three threads rejected; R. A.=49^{s}.10.
	8	47.48	1			48.21			47.8	Mer.	102	32	
	6	47.66	4			48.27			50.6	Mer.	200	3	
	4	48.49	2			48.30			49.4	Mu.	176	89	
	6	46.46	2			48.48			49.5	Mer.	28	89	
	6	47.66	4			48.53			48.6	Mu.	129	20	
	4	46.71	2			48.56			....	Tr.	70	17	
	6	48.55	2			48.60[4]			....[5]	Tr.	178	60	[4] R. A. decreased 1 min. and one thread interval.
	7	46.71	2			49.05			49.8[6]	Mu.	56	20	[5] Decl. changed one rev. north.
18673	9.10	46.66	2	19	49	49.86	41	59	28.5	Mer.	56	28	[6] Decl. changed one rev. north.
18674	8	47.66	1	19	49	50.53	26	41	39.9	Mer.	200	4	
	9	46.46	1			50.61			41.0	Mer.	28	90	
	9	46.71	2			51.10[7]			44.2	Mu.	56	21	[7] R. A. decreased 1 min.
18675	9	47.74	2	19	49	51.34	14	43	0.5	Mu.	137	4	
18676	9	46.53	1	19	49	51.95	33	6	3.2	Tr.	45	36	
	8	46.46	1			52.00			4.9	Tr.	27	2	
18677	9	48.67	2	19	49	53...[8]	20	19	36.7[9]	Mer.	146	25	[8] Separate threads give 53^{s}.22, 54^{s}.66. AW gives 53^{s}.9.
18678	9	46.71	3	19	49	53.38	29	15	16.5	Mer.	61	20	
	7	46.63	2			53.43			....	Tr.	59	11	[9] Reduced for horizontal wire 7 instead of 1 as recorded.
	8	47.71	3			53.49			14.5	Mer.	204	1	
	7	47.71	1			53.55			3.6[10]	Mu.	132	37	
	8	47.66	2			53.59			14.7	Tr.	126	39	[10] If micrometer reading be assumed as 40.155 instead of 40.355 rev., as recorded, Decl.= 16″.1.
	9	47.48	2			53.76			15.3	Tr.	125	56	
18679	9	48.72	2	19	49	53.90	18	46	51.6	Mu.	205	17	
	7	51.67	4			54.14			51.2	Mer.	242	9	
	7	51.67	5			54.25			50.6	Mer.	242	8	
18680	8.9	46.71	5	19	49	56.49	27	38	43.0	Mer.	63	39	
	8.9	46.52	2			56.72			45.1	Mer.	39	7	
	10	47.54	4			56.78[11]			44.7	Mer.	195	110	[11] One of five threads rejected; R. A.=57^{s}.50.
18681	9	47.54	1	19	49	57.49	25	29	29.6	Mu.	123	89	
	9	46.61	2			58.73			33.5	Tr.	53	89	
18682	5	46.52	3	19	49	57.74	35	40	38.4	Tr.	41	36	
18683	6.7	46.72	5	19	50	0.01[12]	43	26	46.8	Mer.	67	2	[12] R. A. increased 1 min.
18684	10	47.74	2	19	50	0.21	14	24	32.3	Mu.	135	5	
18685	6	51.60	5	19	50	0.46	16	8	56.9	Tr.	268	75	
18686	9	46.53	1	19	50	0.95	33	56	17.8[13]	Mu.	36	57	[13] Decl. changed two rev. south.
18687	7	48.66	2	19	50	3.12	23	44	17.5	Mu.	196	26	
	7	48.63	1			3.64			13.5	Tr.	186	26	
	7	48.55	2			3.65			13.9	Mer.	132	121	
	9.10	48.49	2			3.73			....	Mer.	129	113	
18688	6.7	46.70	4	19	50	6.45	35	5	48.2	Tr.	67	6	
	6.7	46.70	7			6.60			49.0	Mu.	54	17	
18689	9	48.62	2	19	50	14.43	20	28	65.1	Tr.	184	62	
	10	48.60	1			14.58			59.0	Mu.	188	47	
18690	7.8	46.71	2	19	50	18 02	38	6	14.5	Tr.	71	2	
18691	8	46.54	3	19	50	18.29[14]	44	22	....	Mer.	44	14	[14] R. A. increased one thread interval. One of four threads rejected, R. A.=19^{s}.03.
18692	9	48.55	2	19	50	20.62	22	19	20.3	Mu.	181	115	
	10	48.60	2			20.89			....	Tr.	182	47	
18693	7	51.71	5	19	50	23.93	18	21	31.4	Mu.	279	15	
	8	51.67	5			24.02			....	Tr.	270	12	
	9	48.72	6			24.26			36.6	Mer.	149	17	
18694	8	46.70	4	19	50	31.26[15]	40	36	9.3	Mer.	59	13	[15] R. A. decreased one thread interval. One of five threads rejected. R. A.=32^{s}.17.
18695	9	46.73	3	19	50	32.38	24	50	38.5	Mer.	69	19	
18696	10	48.49	1	19	50	32.68	20	0	....	Tr.	169	116	
	9	48.62	3			32.72			6.6	Mu.	189	22	
	9	48.60	3			33.38			3.3	Mer.	137	61	
18697	6	46.53	3	19	50	39.55	34	5	44.5	Mu.	36	58	
18698	8	48.67	2	19	50	40.51	22	36	46.1	Tr.	192	29	
	7.8	48.55	3			40.66			46.8	Mu.	181	116	
18699	10	46.46	2	19	50	42.53	31	56	....	Tr.	30	115	
18700	9	46.69	4	19	50	43.61	42	16	34.2	Mer.	57	19	
18701	9	46.69	3	19	50	43.87	42	34	28.7	Mer.	57	20	
18702	8.9	48.55	1	19	50	46.83	31	4	52.2	Mer.	134	98	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
18703	9.10	46.72	3	19	50	48.32	26	15	51.9	Mer.	66	10	
18704	9.10	48.55	1	19	50	56.74	24	7	17.8	Mer.	132	122	
18705	10	48.60	1	19	50	59.05[1]	20	36	42.4	Mu.	188	48	[1] R. A. increased one thread interval.
18706	8	46.60	3	19	50	59.29	28	2	....	Tr.	52	35	
	9	47.40	4			59.34			26.6	Mer.	189	135	
	8	47.65	2			59.38			40.6[2]	Mu.	128	67	[2] GZ gives 25″.
	9	46.71	5			59.58			24.5	Mer.	63	40	
18707	7	46.69	5	19	51	6.45	32	34	45.5	Mu.	51	9	
18708	10	47.71	1	19	51	7.87	30	52	32.9	Tr.	134	12	
	9	46.72	2			8.26			....	Tr.	72	12	
18709	9	46.73	1	19	51	10.78	38	59	25.5[3]	Mu.	62	8	[3] Decl. changed five rev. south.
18710	9	46.73	2	19	51	11.24	39	4	45.0	Mu.	62	7	
18711	10	48.55	3	19	51	11.83	22	10	27.2	Mu.	182	81	
18712	7.8	46.46	6	19	51	12.94	41	13	7.1	Mer.	26	121	
18713	9.10	46.72	3	19	51	17.71	26	18	8.1	Mer.	66	11	
	9	47.66	1			17.96			2.7	Mer.	200	5	
18714	6	47.71	1	19	51	18.26	28	59	28.5	Mer.	204	2	
	7.8	46.63	5			18.48			26.9	Mu.	47	53	
	7.8	47.68	4			18.52			28.3	Mu.	130	31	
	6	47.65	2			18.54			30.6	Mer.	199	45	
	7.8	46.58	7			18.56			28.3	Mer.	48	23	
	8	47.68	1			18.58			30.5[4]	Tr.	128	10	[4] Decl. changed one wire interval south.
	6.7	47.71	2			18.95			28.8	Mu.	132	38	
18715	7	48.62	3	19	51	20.34	24	21	35.7	Mer.	138	29	
	9	48.67	2			20.47			34.7	Mu.	203	9	
	8	48.43	1			20.48			35.9	Mu.	170	97	
	8	46.62	3			20.55			....	Tr.	57	62	
18716	6	51.60	5	19	51	23.56	16	6	25.5	Tr.	268	76	
18717	9	46.46	1	19	51	25.01	33	14	31.5	Tr.	27	3	
18718	10	46.66	2	19	51	29.34	39	17	....	Tr.	60	26	
18719	9	47.66	4	19	51	30.27	26	6	24.4[5]	Mu.	129	21	[5] Decl. changed one rev. north.
	9.10	46.72	1			30.53			26.9	Mer.	66	12	
18720	9	47.66	1	19	51	31.44	26	20	45.0	Mer.	200	6	
	8	46.71	1			31.45			49.4	Mu.	56	23	
	9	47.68	2			31.61			46.0	Mer.	105	7	
18721	10	48.56	2	19	51	34.20	21	15	....	Tr.	180	19	
	9	48.55	4			34.36[6]			47.9	Mer.	133	94	[6] R. A. increased 10 sec.
18722	9	46.72	4	19	51	41.08	37	15	31.2	Mu.	60	5	
18723	10	47.54	3	19	51	41.15	27	35	9.2	Mer.	195	111	
	9	46.52	3			41.15			13.6	Mer.	39	8	
	7	47.45	1			41.16			10.8	Mu.	119	77	
	9	46.71	2			41.16[7]			10.8	Mer.	63	41	[7] One of three threads rejected; R. A.=$39^{s}.88$.
18724	8	46.61	1	19	51	41.18	37	5	8.8	Tr.	56	26	
18725	9	46.52	1	19	51	45.92	27	7	46.8	Mer.	39	9	
	10	46.71	2			46.10			....	Tr.	70	18	
18726	8.9	48.67	3	19	51	45.96	20	15	44.7	Mer.	146	26	
	8	48.62	3			46.02[8]			46.4	Mu.	189	23	[8] One thread increased 10 sec.
	9	48.60	2			46.11			41.6	Mer.	137	62	
18727	9	47.71	4	19	51	46.34	26	37	49.1	Mer.	107	14	
	7	48.49	3			46.53			48.3	Mu.	176	90	
	8.9	46.46	1			46.73			50.0	Mer.	28	91	
	8	46.71	2			46.79			52.6	Mu.	56	22	
	8	47.48	1			46.98			49.2	Mer.	102	33	
18728	9	46.73	5	19	51	47.96	24	35	30.8	Mer.	69	20	
18729	8	46.52	2	19	51	50.15	34	31	45.1	Tr.	35	13	
18730	9.8	48.63	2	19	51	53.43	23	2	34.9[9]	Mu.	193	20	[9] Decl. changed five rev. north.
	8	48.67	2			53.50			31.6[10]	Mer.	148	53	[10] Decl. changed two wire intervals north.
18731	9	46.70	2	19	51	56.73	34	59	29.7	Tr.	67	7	
	8.9	46.70	5			56.94			30.0	Mu.	54	18	
18732	6	51.60	5	19	51	58.55	16	17	28.9	Tr.	268	78	
18733	9	46.63	2	19	52	1.10	29	21	....	Tr.	59	12	
18734	9	51.65	5	19	52	2.64	18	41	41.3	Tr.	269	26	
	9	48.72	4			2.73			41.6	Mu.	205	18	
	8	51.67	5			2.77			41.2	Mer.	242	10	
	9	48.63	2			2.78			....	Tr.	185	71	
18735	11	46.72	1	19	52	6.88[11]	30	46	....	Tr.	72	13	[11] R. A. decreased one thread interval.
	11	46.58	3			7.42			....	Tr.	49	1	
18736	8	46.46	1	19	52	12.82	33	21	7.5	Tr.	27	4	
18737	8.7	46.72	3	19	52	13.35	30	11	42.2	Mu.	58	4	
	8	47.70	2			13.82			56.9[12]	Mu.	131	40	[12] If micrometer reading be assumed as 22.204 instead of 22.04 rev., as recorded, Decl.=46″.6. AW gives 43″.
	9	46.54	2			13.89			42.9	Mu.	37	104	
18738	9	46.70	2	19	52	15.41	35	6	30.0	Tr.	67	8	
18739	8	51.60	5	19	52	16.59	16	7	47.2	Tr.	268	77	
18740	11	48.60	2	19	52	17.87	21	52	....	Tr.	182	48	
	9	48.55	2			18.25			16.0	Mu.	182	82	
18741	9	46.66	6	19	52	24.61	41	49	36.6	Mer.	56	29	
18742	6	48.67	4	19	52	28.55	23	8	41.0	Mer.	148	54	
	6.7	48.63	3			28.70			42.3	Mu.	193	21	
18743	8	46.66	2	19	52	32.26	39	43	....	Tr.	60	27	
18744	11	48.73	1	19	52	38.39[13]	16	58	22.7	Tr.	195	3	[13] R. A. decreased one thread interval.
	6	51.69	5			39.21			18.4	Tr.	273	12	
	8	52.56	4			39.29[14]			19.6	Mer.	250	16	[14] One of five threads rejected; R. A.=$38^{s}.74$.
	9	52.55	5			39.33			25.3	Tr.	283	5	

NO.	MAG	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
18745	11	46.52	3	19	52	38.56	35	40	58.7	Tr.	41	37	
18746	9	48.55	4	19	52	40.92	31	23	10.8	Mer.	134	99	
18747	8	47.74	2	19	52	41.21[1]	14	20	53.0	Mu.	135	6	[1] Two of four threads rejected; R. A.=$40^{s}.42$, $41^{s}.96$.
	7.8	47.74	5			41.34			53.3	Mu.	137	5	
18748	9	48.55	3	19	52	45.28	22	31	4.0	Mu.	181	117	
	9	48.67	2			45.63			4.1	Tr.	192	30	
18749	8	46.63	3	19	52	51.14	28	24	20.1	Mu.	47	54	
	7	46.60	2			51.30			....	Tr.	52	36	
	7	47.65	3			51.36			22.0	Mu.	128	68	
	8.9	46.63	3			51.46			22.8	Mer.	55	28	
	9	47.68	3			51.48			23.4	Mu.	130	32	
18750	9	46.63	1	19	52	52.56	28	36	37.4	Mer.	55	29	
	9	47.68	2			52.71			36.3	Tr.	128	11	
	8	47.65	3			52.85			39.0	Mer.	199	46	
	9	47.68	2			52.94			38.6	Mu.	130	33	
	9	46.58	4			52.98			40.1	Mer.	48	24	
18751	8	46.52	1	19	52	52.92	34	16	45.0	Tr.	35	14	
18752	10	48.49	2	19	52	53.62	23	31	....	Mer.	129	114	
18753	6	52.56	5	19	52	56.40	17	16	31.1	Mer.	250	17	
	9	48.73	1			56.44			41.2	Tr.	195	4	
18754	10	46.72	1	19	53	0.57	26	2	37.4	Mer.	66	13	
18755	9	51.69	5	19	53	0.85	17	14	32.0	Tr.	273	13	
18756	9	47.71	1	19	53	8.44	29	41	35.4	Mer.	204	3	
18757	9	46.72	2	19	53	9.49	30	42	....	Tr.	72	14	
	10	46.58	2			9.58			....[2]	Tr.	49	2	[2] Decl. changed two wire intervals north.
	10	47.71	1			9.81			44.0	Tr.	134	13	
18758	7	51.71	5	19	53	14.53	17	57	36.6	Mu.	279	16	
	9	48.72	7			14.85[3]			38.7	Mer.	149	18	[3] Four threads decreased 10 sec. each.
18759	9	48.63	3	19	53	18.53	19	30	33.5	Mer.	141	30	
	9	48.62	4			18.58			....	Tr.	183	32	
	8	48.67	3			18.65			31.2	Mu.	201	24	
18760	8	46.52	3	19	53	19.47	35	43	56.3	Tr.	41	38	
18761	10	48.56	1	19	53	24.78	21	29	....	Tr.	180	20	
	9	48.55	4			24.93			42.1[4]	Mer.	133	95	[4] If micrometer reading be assumed as 34.352 instead of 34.852 rev., as recorded, Decl.= 59″.3.
18762	5.6	46.71	7	19	53	25.52	28	7	18.4	Mer.	63	42	
	5.6	47.40	5			25.63			18.1	Mer.	189	136	
	3	46.60	3			25.78			....	Tr.	52	37	
	4	47.65	3			25.81			19.2	Mu.	128	69	
18763	8.9	47.71	3	19	53	27.73	29	1	15.0	Mu.	132	39	
18764	9	47.68	1	19	53	28.07	28	47	17.4	Tr.	128	12	
	9	46.58	4			28.13			20.1	Mer.	48	25	
	8	47.65	1			28.13			19.1	Mer.	199	47	
18765	5	46.66	1	19	53	32.37	39	14	....	Tr.	60	28	
18766	7	46.71	2	19	53	34.83	38	20	58.8	Tr.	71	3	
	6.7	46.73	2			35.15			59.6	Mu.	62	9	
18767	7.8	46.72	..	19	53	40. ..	37	56	18.5	Mu.	60	7	
	8.9	46.71	1			40.03			16.6	Tr.	71	4	
18768	8	46.61	1	19	53	40.15	37	0	29.2	Tr.	56	27	
18769	8	51.69	5	19	53	49.57	16	54	40.1	Tr.	273	14	
18770	9	48.55	1	19	53	50.44	31	39	55.2	Mer.	134	100	
18771	7.8	46.66	5	19	53	53.53	36	28	23.2	Mu.	49	32	
18772	9	47.48	2	19	53	53.70[5]	26	27	13.2	Mer.	102	34	[5] R. A. decreased one thread interval.
	8	47.66	3			53.81			14.2	Mer.	200	7	
	9	47.66	5			53.87			15.3	Mu.	129	22	
	..	47.68	2			53.95[6]			15.2	Mer.	105	8	[6] One of three threads rejected. R. A.=$53^{s}.06$.
	8	46.71	2			54.03			13.8	Mu.	56	24	
18773	10	48.63	1	19	53	59.36	19	32	4.0	Mer.	141	31	
18774	6	51.60	5	19	54	1.96	16	17	13.5	Tr.	268	79	
18775	8	46.72	3	19	54	4.25[7]	37	19	22.4	Mu.	60	6	[7] One of four threads rejected· R. A.=$3^{s}.43$.
18776	8	46.71	1	19	54	4.50	38	16	28.7	Tr.	71	5	
18777	10	47.59	2	19	54	4.55	25	25	4.1	Mer.	196	25	
	9.10	46.73	3			5.20[8]			6.1	Mer.	68	21	[8] R. A. decreased 10 sec.
18778	10	47.71	5	19	54	6.26	27	2	48.5	Mer.	107	15	
	9	46.71	2			6.28			....	Tr.	70	19	
18779	9.10	46.72	5	19	54	7.64	43	58	30.9	Mer.	67	3	
18780	10	48.55	1	19	54	9.30	21	9	31.5	Mer.	133	96	
	10	48.56	2			9.45			....	Tr.	180	21	
18781	9	48.72	2	19	54	10.32	18	35	6.6[9]	Mu.	205	19	[9] Decl. changed one rev. south.
18782	7	51.67	5	19	54	13.93	18	57	23.5[10]	Mer.	242	11	[10] Decl. changed one rev. south.
	7	48.63	4			14.38			....	Tr.	185	72	
18783	9	48.62	2	19	54	15. ..[11]	24	3	51.9	Mer.	138	30	[11] Separate threads give $16^{s}.73$, $15^{s}.72$. GZ gives $16^{s}.0$.
	9	48.63	2			15.70			53.0	Tr.	186	27	
	9	48.55	2			15.76			50.0[12]	Mer.	132	123	[12] Decl. changed one rev. south.
18784	8	51.60	5	19	54	16.37	16	28	37.2	Tr.	268	80	
18785	9	48.72	3	19	54	29.53	17	45	40.4	Mer.	149	19	
	7	52.56	5			29.80			38.3	Tr.	284	18	
18786	9	46.52	3	19	54	32.21	35	45	21.0	Tr.	41	39	
18787	..	48.67	3	19	54	33.68	23	22	13.4[13]	Mer.	148	55	[13] Decl. changed one wire interval south.
18788	8	51.67	5	19	54	33.86	18	39	23.9	Mer.	242	12	
	8.9	48.72	2			33.95			24.7	Mu.	205	20	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
18789	10	47.59	1	19	54	42.28	25	43	29.2[1]	Mer.	196	26	[1] Decl. changed one rev. north.
18790	9	46.58	3	19	54	45.09	29	2	41.8	Mer.	48	26	
	8	47.71	3			45.19			41.7	Mer.	204	4	
18791	6.7	46.69	5	19	54	48.35	32	28	20.6	Mu.	51	10	
18792	6	48.67	3	19	54	50.47	23	0	44.4[2]	Mer.	148	56	[2] Decl. changed one rev. south.
	8	48.63	2			50.71[3]			42.2	Mu.	193	22	[3] R. A. decreased 1 min.
18793	6	48.55	2	19	54	50.67	31	7	58.0	Mer.	134	101	
	7.8	46.58	4			51.30			55.3	Mu.	40	4	
	8.9	46.61	4			51.19			55.7	Mu.	44	63	
18794	8.9	46.66	3	19	54	51.87	36	25	20.3	Mu.	49	33	
18795	9.10	47.68	1	19	54	53.70[4]	28	26	4.5	Mu.	130	34	[4] R. A. increased two thread intervals.
	9	47.68	2			54.36			4.3	Tr.	128	13	
18796	8	47.70	2	19	54	54.85	29	52	46.9	Mu.	131	41	
18797	..	48.67	1	19	54	58.62	22	52	....	Mer.	148	57	
18798	7	47.46	5	19	55	1.42	30	34	56.1	Mu.	121	3	
	6	47.71	3			1.48			55.1	Tr.	134	14	
	7	46.58	2			1.58			....[5]	Tr.	49	3	[5] Decl. changed one rev. south.
	8	46.72	2			1.59			....	Tr.	72	15	
18799	9	46.62	2	19	55	1.92	24	46	....	Tr.	57	63	
	9	46.73	5			1.95			5.7[6]	Mer.	69	21	[6] Decl. changed ten rev. north.
18800	6	51.69	5	19	55	6.28	17	9	46.6	Tr.	273	15	
	9	52.55	5			6.30			48.0	Tr.	283	6	
	10	48.73	3			6.38			55.5	Tr.	195	5	
	8	52.56	5			6.49			48.0	Mer.	250	18	
18801	10	48.49	3	19	55	6.54	23	38	....	Mer.	129	115	
	8	48.63	2			6.55[7]			29.9	Tr.	186	28	[7] R. A. increased 1 min.
	7	48.55	1			6.73			30.7	Mer.	132	124	
	9	48.66	2			6.80[8]			28.8	Mu.	196	27	[8] Separate threads give 7^{s}.17, 6^{s}.44.
18802	8.9	46.46	3	19	55	9.94	26	44	38.1	Mer.	28	92	
	8	48.49	4			10.06			37.4	Mu.	176	91	
	7	46.71	2			10.11			....	Tr.	70	20	
18803	9	46.63	3	19	55	12.45	28	9	45.3	Mer.	55	30	
	9	46.71	5			12.47			45.2	Mer.	63	43	
	7	47.65	2			12.58			45.4	Mu.	128	70	
	7	46.60	3			12.62			....	Tr.	52	38	
	7.8	47.40	4			12.81			44.7	Mer.	189	137	
18804	9	46.52	1	19	55	21.81	34	10	11.6	Tr.	35	15	
18805	7	51.69	5	19	55	22.53	17	2	53.1	Tr.	273	16	
	9	52.55	5			22.78			55.1	Tr.	283	7	
	8	52.56	5			22.80			53.9[9]	Mer.	250	19	[9] Decl. changed one rev. south.
18806	9	46.53	2	19	55	24.87	34	0	42.5	Mu.	36	59	
18807	9	46.61	1	19	55	26.33	36	47	46.5	Tr.	56	28	
18808	8	46.78	2	19	55	27.93	24	23	....	Tr.	91	1	
	9	48.67	3			28.01			57.2	Mu.	203	10	
	8	46.62	2			28.11			....	Tr.	57	64	
	9	48.62	1			28.34			59.2	Mer.	138	31	
18809	9	48.67	2	19	55	34.01	22	36	19.5	Tr.	192	31	
	8.9	48.55	5			34.03			17.0	Mu.	181	118	
18810	9	47.68	1	19	55	34.17	28	41	36.5	Tr.	128	14	
	9	46.58	5			34.27			38.6	Mer.	48	27	
18811	9	46.54	2	19	55	39.35	44	45	....	Mer.	44	15	
18812	8	46.70	3	19	55	43.73	35	5	6.1	Tr.	67	9	
	8	46.70	4			43.81			7.6	Tr.	54	19	
18813	10	46.71	1	19	55	45.43	38	8	3.0	Tr.	71	6	
18814	8	47.71	1	19	55	49.84	30	21	32.0	Tr.	134	15	
18815	8	51.60	5	19	55	49.92	16	7	28.8	Tr.	268	81	
18816	8	46.73	2	19	55	55.53	35	19	....	Tr.	75	1	
18817	9	46.61	1	19	55	56.04	36	55	8.8	Tr.	56	29	
18818	5	46.46	2	19	55	57.37	33	25	10.2	Tr.	27	5	
	7	46.53	4			57.63			9.5	Mu.	36	60	
18819	9	48.62	2	19	55	59.11	20	57	19.6	Tr.	184	63	
	11	48.56	2			59.26			....	Tr.	180	22	
	10	48.55	3			59.39			9.9	Mer.	133	97	
	9	48.67	3			59.51			10.3	Mer.	146	27	
18820	8	46.61	2	19	55	59.44	29	29	40.9	Mer.	51	37	
	5	46.63	3			60.76			....	Tr.	59	13	
	7	47.71	4			60.80			40.0	Mu.	132	40	
	8	47.48	5			60.85			47.9	Tr.	125	57	
	8	46.71	4			60.88			39.7	Mer.	61	21	
	7	47.71	3			60.93			39.1	Mer.	204	5	
	5.6	47.66	2			60.96			39.6	Tr.	126	40	
18821	7.5	47.54	3	19	56	2.20[10]	27	13	56.9[11]	Mer.	195	112	[10] R. A. increased 2 min.
	6.7	46.52	6			2.36			56.3	Mer.	39	10	[11] Decl. changed one wire interval south.
	7	46.52	3			2.40			54.6	Mu.	30	6	
	9	47.71	3			2.45			58.1	Mer.	107	16	
	8	46.46	3			2.47			59.2	Mer.	28	93	
	7	47.45	4			2.51[12]			57.8	Mu.	119	78	[12] One of five threads rejected; R. A.=3^{s}.42.
	6	48.49	2			2.59			56.2	Mu.	176	92	
	6	46.71	2			2.61			....	Tr.	70	21	
18822	9	46.66	2	19	56	3.56	39	47	....	Tr.	60	29	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
18823	8	46.63	3	19	56	4.05	28	13	54.5	Mer.	55	31	
	8	46.71	5			4.07			53.3	Mer.	63	44	
	6	46.60	2			4.23			....	Tr.	52	39	
	7	47.65	4			4.24			53.3	Mu.	128	71	
	8	47.40	1			4.59			54.6	Mer.	189	138	
18824	9	46.69	4	19	56	7.47	42	42	46.4	Mer.	57	21	
18825	7	48.55	2	19	56	8.11	21	43	55.9	Mu.	182	83	
	10	48.60	3			8.49			....	Tr.	182	49	
18826	9	46.73	6	19	56	11.18	25	28	41.7	Mer.	68	22	
	10	47.59	2			11.34[1]			40.8	Mer.	196	27	[1] R. A. decreased 1 min.
	9	47.54	1			11.63			41.9	Mu.	123	90	
18827	7	51.67	5	19	56	20.88	19	11	28.7	Mer.	242	13	
	9	48.63	3			21.06			29.0[2]	Mer.	141	32	[2] Decl. changed five rev. south.
	9	48.63	1			21.14			....	Tr.	185	73	
	8	48.67	3			21.16			29.6	Mu.	201	25	
	9	48.72	2			21.33			30.2	Mu.	205	21	
	10	48.62	3			21.40			....	Tr.	183	33	
18828	9	48.67	1	19	56	27.91	23	3	9.4	Mer.	148	58	
	10	48.63	1			28.25			11.1	Mu.	193	23	
18829	9.10	48.72	1	19	56	30.84[3]	19	8	15.4[4]	Mu.	205	22	[3] "Time of transit doubtful." R. A. increased 10 sec. AW gives $32^{s}.2$. CiZ gives $32^{s}.4$.
18830	11	46.58	1	19	56	36.95	30	37	....	Tr.	49	4	
18831	7	48.55	3	19	56	40.95	31	13	38.0	Mer.	134	102	[4] If micrometer reading be assumed as 10.871 instead of 10.371 rev., as recorded, Decl. = 7′ 43″.9. AW gives 42″. CiZ gives 40″.
	8.9	46.61	4			41.02			38.1	Mu.	44	64	
	8	46.58	4			41.19			39.5	Mu.	40	5	
18832	7	52.56	5	19	56	49.24	16	47	34.5	Mer.	250	20	
	6	51.69	5			49.38			36.8	Tr.	273	17	
	8	52.55	5			49.47			42.7	Tr.	283	8	
	9	48.73	3			49.52			36.6	Tr.	195	6	
18833	9	46.69	5	19	56	59.56	42	13	53.0	Mer.	57	22	
	8	46.66	2			59.66			57.3	Mer.	56	30	
18834	8	46.46	3	19	56	59.59	31	59	....	Tr.	30	116	
18835	7	46.63	2	19	56	59.80	29	34	....	Tr.	59	14	
	8	47.71	2			59.86			3.4	Mu.	132	41	
	9.10	46.71	2			59.89			1.9	Mer.	61	22	
	8	47.48	1			60.05			1.1	Tr.	125	58	
	8	47.66	2			60.10			2.7	Tr.	126	41	
	7.8	47.71	3			60.20			1.7[5]	Mer.	204	6	[5] Decl. changed one wire interval north.
18836	8	51.67	5	19	56	60.07	18	7	....	Tr.	270	13	
	9	48.72	3			60.42[6]			18.2	Mer.	149	20	[6] One of four threads rejected; R. A. = $59^{s}.64$.
	8	51.71	4			60.75[7]			16.8	Mu.	279	17	[7] One of five threads rejected; R. A. = $60^{s}.15$.
18837	9	46.71	2	19	57	3.17	26	54	....	Tr.	70	22	
18838	9	48.67	2	19	57	3.87	20	57	30.8	Mer.	146	28	
18839	8.9	46.66	2	19	57	12.67	42	11	52.0	Mer.	56	31	
	9	46.69	5			13.12			47.8	Mer.	57	23	
18840	8	46.66	2	19	57	13.54	39	45	....	Tr.	60	30	
18841	..	52.55	5	19	57	14.66	17	12	....	Tr.	283	9	
18842	9.10	47.74	1	19	57	15.14	14	45	21.5	Mu.	137	6	
	10	47.74	1			15.51			19.6	Mu.	135	7	
18843	6	51.60	5	19	57	16.32	16	10	30.0	Tr.	268	82	
18844	10	48.56	1	19	57	19.67	21	25	....[8]	Tr.	180	23	[8] Decl. changed one wire interval south.
	9.10	48.55	3			19.73			10.3[9]	Mer.	133	98	[9] Decl. changed one rev. north.
18845	8	51.67	5	19	57	21.90	19	7	38.5	Mer.	242	14	
	9	48.72	..			22...			40.8	Mu.	205	23	
	9	48.67	1			22.06			41.2	Mu.	201	26	
	8	48.63	4			22.12			38.3	Mer.	141	33	
	11	48.62	3			22.66			....	Tr.	183	34	
18846	8	46.63	4	19	57	23.99	28	47	41.2	Mu.	47	55	
	8	46.58	7			24.08			40.3	Mer.	48	28	
	8	47.68	3			24.11			41.4	Mu.	130	35	
	8.9	46.63	2			24.12			40.3	Mer.	55	32	
	8	47.68	2			24.23			39.4	Tr.	128	15	
	8	47.65	7			24.24			43.8	Mer.	199	48	
18847	9	46.46	5	19	57	25.56	41	26	3.5	Mer.	26	122	
18848	9	47.71	2	19	57	27.21	30	20	10.9	Tr.	134	16	
18849	7	48.62	4	19	57	30.92	19	54	46.8	Mu.	189	24	
	9	48.60	3			31.19[10]			51.9	Mer.	137	63	[10] One thread increased one thread interval.
	9	48.49	1			31.24			....	Tr.	169	117	
18850	8	46.71	2	19	57	31.22[11]	25	59	62.1	Mu.	56	25	[11] One of three threads rejected; R. A. = $31^{s}.97$.
	9	47.66	3			31.49			60.9	Mu.	129	23	
	9.10	46.72	5			31.51			60.0	Mer.	66	14	
	9	47.68	4			31.79			57.5	Mer.	105	9	
	8	47.66	3			31.81			62.8	Mer.	200	8	
18851	7.8	46.66	5	19	57	34.65	35	57	17.5[12]	Mu.	49	34	[12] Decl. changed one rev. south.
	7	46.52	3			34.90			20.6	Tr.	41	40	
18852	7	46.72	2	19	57	35.09	29	50	16.3	Mu.	58	5	
	7.8	46.61	2			35.09			21.2	Mer.	51	38	
	8	46.71	2			35.10			20.4	Mer.	61	23	
	7	47.71	2			35.10			20.3	Mu.	132	42	
	8	47.46	1			35.33			17.3	Tr.	122	84	
18853	9	46.73	2	19	57	35.50	35	21	....	Tr.	75	2	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
18854	8.9	46.46	2	19	57	38.79	26	51	36.4	Mer.	28	94	
	7	46.71	2			39.01			....	Tr.	70	23	
	6	48.49	2			39.06			33.9	Mu.	176	93	
18855	9	48.62	3	19	57	43.28	20	33	59.9	Tr.	184	64	
	9	48.60	2			43.47[1]			64.1	Mu.	188	49	[1] One thread increased one thread interval.
	9	48.67	2			43.53[2]			56.7	Mer.	146	29	[2] One thread reduced for 33ˢ.6 instead of 36ˢ.6, as recorded.
18856	10	48.60	3	19	57	44.15[3]	22	5	....	Tr.	182	50	
	9	48.55	2			44.71			50.6	Mu.	182	84	[3] One of four threads rejected; R. A.=45ˢ.84.
18857	7	46.52	3	19	57	44.20	27	38	53.2	Mer.	39	11	
	8.9	46.71	7			44.21			52.3	Mer.	63	45	
	8	46.52	3			44.33			54.5	Mu.	30	7	
	7.8	47.45	2			44.48			59.4[4]	Mu.	119	79	[4] Micrometer reading, originally recorded 24.695, changed by observer to 24.605 rev. If reduced for 24.705, Decl.=53″.2.
	8	47.54	3			44.58			51.5	Mer.	195	113	
18858	10	48.55	2	19	57	47.10	21	19	52.3	Mer.	133	99	
18859	8.9	46.47	5	19	57	47.57	40	16	1.5	Mer.	29	10	
18860	7.8	46.66	4	19	57	49.72	36	4	50.8	Mu.	49	35	
18861	10	48.63	3	19	57	50.60[5]	18	43	....	Tr.	185	74	[5] R. A. decreased 1 min. One of four threads rejected; R. A.=51ˢ.93.
	7	51.67	5			50.68			57.2	Mer.	242	15	
18862	9	46.70	5	19	58	1.64	40	48	25.5	Mer.	59	14	
18863	7	47.46	2	19	58	3.29	30	8	55.9	Tr.	122	85	
	6	46.72	2			3.56			53.5	Mu.	58	6	
	6.7	47.70	3			3.57			52.9	Mu.	131	42	
18864	8	46.53	4	19	58	3.56	33	45	32.0	Mu.	36	61	
18865	10	47.66	3	19	58	4.87	25	11	....	Mer.	104	28	
	10	46.73	2			5.31			57.5	Mer.	68	23	
	9	46.73	5			5.84			62.2	Mer.	69	22	
18866	9	46.46	1	19	58	11.71	33	2	2.0	Tr.	27	7	
18867	11	46.58	2	19	58	12.47	30	36	....	Tr.	49	5	
18868	8	46.46	3	19	58	12.98	33	16	42.4	Tr.	27	6	
18869	8.9	46.58	2	19	58	19.49[6]	31	16	50.4	Mu.	40	6	[6] One of three threads rejected; R. A.=20ˢ.56.
	7	48.55	4			19.99			47.7	Mer.	134	103	
18870	7	46.66	3	19	58	19.55	39	12	....	Tr.	60	31	
18871	10	48.72	1	19	58	21.81[7]	18	15	10.9	Mer.	149	21	[7] R. A. increased one thread interval.
18872	6	46.73	2	19	58	25.62	35	11	....	Tr.	75	3	
	9	46.70	1			27.80[8]			33.5	Mu.	54	20	[8] Record confused; assumed to be 58 min.
18873	7	48.55	3	19	58	27.85	31	14	50.9	Mer.	134	104	
	9	46.58	1			28.01			49.4	Mu.	40	7	
18874	7	52.56	5	19	58	28.48	17	37	17.0	Tr.	284	19	
18875	9	47.71	1	19	58	30.74	29	11	58.3	Mer.	204	7	
18876	9	48.60	2	19	58	37.64	19	59	66.8	Mer.	137	64	
	9	48.62	1			37.67			57.7	Mu.	189	25	
18877	8	46.70	4	19	58	38.31	35	3	25.7	Mu.	54	21	
18878	9	46.71	2	19	58	39.28	26	48	....	Tr.	70	24	
18879	9	46.62	3	19	58	41.38[9]	41	7	16.2	Mer.	53	1	[9] Two of five threads rejected; R. A.=42ˢ.66, 42ˢ.12.
	7.8	46.46	5			41.56[10]			19.4	Mer.	26	123	
	8	46.70	4			41.71			16.2	Mer.	59	15	[10] One of six threads rejected; R. A.=42ˢ.39.
18880	9	48.55	3	19	58	41.65	23	54	37.2	Mer.	132	125	
18881	7	46.78	2	19	58	42.19	24	18	....	Tr.	91	2	
	6	48.62	5			42.33			33.9	Mer.	138	32	
	8.9	48.67	4			42.39			34.6	Mu.	203	11	
18882	9	48.63	2	19	58	42.66	23	49	50.0[11]	Tr.	186	29	[11] Decl. changed one wire interval north.
18883	8	46.70	1	19	58	50.15	34	56	30.0	Mu.	54	22	
18884	11	46.46	3	19	58	51.49	31	43	....	Tr.	30	117	
18885	10	48.55	2	19	58	51.48	21	15	42.0[12]	Mer.	133	100	[12] Decl. changed one rev. south.
	11	48.56	3			51.84			....	Tr.	180	24	
18886	9	52.56	5	19	58	53.50	17	23	15.9	Tr.	284	21	
18887	9	46.54	2	19	58	59.22	44	20	....	Mer.	44	16	
18888	8.9	46.61	4	19	59	2.72	31	0	2.7	Mu.	44	65	
	7	46.72	2			2.79			....	Tr.	72	16	
	6.7	48.55	1			2.82			6.9	Mer.	134	105	
	8.9	47.46	4			2.87			5.5	Mu.	121	4	
	7	47.71	2			2.95			8.3	Tr.	134	17	
18889	9	48.49	1	19	59	7.09	19	37	....[13]	Tr.	169	118	[13] Decl. changed two rev. north.
18890	9	47.48	3	19	59	7.67	29	19	29.9	Tr.	125	59	
	8	46.63	2			8.11			....	Tr.	59	15	
	9	47.71	1			8.39			24.6	Mu.	132	43	
	9	47.71	2			8.46			26.2	Mer.	204	8	
18891	9	52.56	5	19	59	9.35	17	25	32.9	Tr.	284	20	
18892	7	46.73	3	19	59	14.01	38	44	3.6	Mu.	62	10	
18893	8	47.45	3	19	59	15.94	27	26	7.8	Mu.	119	80	
	10	47.54	1			15.94			3.7	Mer.	195	114	
	8.9	46.52	1			15.97			5.6	Mer.	39	12	
18894	8.9	46.73	3	19	59	20.47	25	1	1.3	Mer.	68	24	
	9	46.73	6			20.51			6.7	Mer.	69	23	
18895	6	51.60	5	19	59	24.66	16	20	29.9	Tr.	268	83	
18896	9	48.62	3	19	59	27.21[14]	24	28	48.9	Mer.	138	33	[14] R. A. increased 1 min.
	9	46.78	2			27.43			....	Tr.	91	3	
18897	9	47.70	1	19	59	27.94	30	19	23.5	Mu.	131	43	
18898	9.10	46.73	1	19	59	29.99	25	7	35.9	Mer.	68	25	
18899	6	48.63	5	19	59	32.69	19	14	0.7	Mer.	141	34	
	9	48.62	4			32.76			....	Tr.	183	35	
	7	48.67	3			32.97			1.5	Mu.	201	27	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
18900	8	47.71	2	19	59	33.78	30	51	48.1	Tr.	134	18	
	7	46.58	2			34.01			....	Tr.	49	6	
	8	46.72	2			34.21			....	Tr.	72	17	
18901	9	46.61	1	19	59	34.15	36	55	49.5	Tr.	56	30	
18902	8	46.54	2	19	59	38.37	44	19	....	Mer.	44	17	
18903	9.10	48.49	3	19	59	39.50[1]	24	0	....[2]	Mer.	129	116	[1] Three threads increased 10 sec. each. One of four threads rejected; R. A.=$38^{s}.58$.
	7	48.66	2			39.59			58.7	Mu.	196	28	
	6	48.55	3			39.61			57.9	Mer.	132	126	[2] Decl. changed one rev. north.
	7	48.63	2			39.66			62.7	Tr.	186	30	
	9	48.67	2			39.68			60.3	Mu.	203	12	
18904	8	46.53	3	19	59	40.41	33	47	51.2	Mu.	36	62	
18905	9	46.73	2	19	59	42. . .[3]	35	36	....	Tr.	75	4	[3] Separate threads give $42^{s}.27$, $43^{s}.07$.
	8	46.52	3			42.69			2.0	Tr.	41	41	
18906	9	46.69	5	19	59	43.55	42	16	44.1	Mer.	57	24	
18907	8	47.66	4	19	59	46.35	26	21	37.9	Mer.	200	9	
	9	47.68	4			46.54[4]			37.7	Mer.	105	10	[4] R. A. decreased 1 min.
	10	47.48	2			46.68[5]			33.3	Mer.	102	35	[5] One of three threads rejected; R. A.=$45^{s}.90$.
	9	46.71	1			46.89			38.0	Mu.	56	26	
18908	8	46.46	2	19	59	47.09	33	9	4.1	Tr.	27	8	
18909	6.7	46.52	2	19	59	47.62	34	18	19.5	Tr.	35	16	
18910	8	46.60	2	19	59	51.92	28	22	....	Tr.	52	40	
	9	47.40	3			51.99			55.5	Mer.	189	139	
	9	47.70	1			52.13			54.0	Tr.	132	1	
	9	46.63	3			52.14			56.5	Mer.	55	33	
	7	47.65	3			52.20			56.2	Mu.	128	72	
18911	9	48.67	3	19	59	55.92	23	7	26.9	Mer.	148	59	
	11	48.63	2			56.10			27.9	Mu.	193	24	
18912	9	46.69	2	19	59	56.32	32	29	33.6	Mu.	51	11	
18913	7.8	46.46	5	19	59	58.02	26	39	12.7	Mer.	28	95	
	7	46.71	2			58.29			13.3	Mu.	56	27	
	9	47.71	4			58.46			14.0	Mer.	107	17	
	4	48.49	3			58.53			11.3	Mu.	176	94	
	8	47.66	3			58.56			10.6	Mu.	129	24	
	5	46.71	2			58.59			....	Tr.	70	25	
18914	10	46.72	5	20	0	2.18	25	56	31.0	Mer.	66	15	
	10	47.59	1			2.21			37.0	Mer.	196	28	
18915	6	51.60	5	20	0	2.24	16	8	40.7	Tr.	268	84	
18916	7.8	47.68	2	20	0	3.39	28	52	12.5	Tr.	128	16	
	7.8	46.63	4			3.44			14.4	Mu.	47	56	
	8	47.68	4			3.52			15.4	Mu.	130	36	
	8	46.58	5			3.54			13.7	Mer.	48	29	
	8	47.65	5			3.63			16.6	Mer.	199	49	
18917	11	46.63	2	20	0	5.46	29	27	....	Tr.	59	16	
18918	8.9	46.46	5	20	0	6.40	41	34	53.4	Mer.	26	124	
	9	46.66	5			6.45[6]			50.4	Mer.	56	32	[6] R. A. decreased 1 min.
18919	10	48.72	1	20	0	6.64	18	27	55.7	Mu.	205	24[7]	[7] Unidentified. Looked for with equatorial but not found.
18920	9	47.68	1	20	0	7.47	28	23	16.0	Mu.	130	37	
	7	47.65	2			7.51			15.1	Mu.	128	73	
	9	46.63	3			7.54			19.1	Mer.	55	34	
	6	46.60	3			7.63			....	Tr.	52	41	
	9	47.40	1			8.22			26.8[8]	Mer.	189	140	[8] If micrometer reading be assumed as 29.41 instead of 29.11 rev., as recorded, Decl.= 16″.5.
18921	8.9	46.73	2	20	0	10.07[9]	38	59	56.0	Mu.	62	11	
18922	8.9	47.74	5	20	0	10.14	14	41	5.9	Mu.	135	8	
	8	47.74	4			10.30			7.7	Mu.	137	7	[9] One thread decreased one thread interval.
18923	8	46.66	5	20	0	10.25	36	2	19.1	Mu.	49	36	
18924	11	48.63	2	20	0	10...[10]	18	27	....[11]	Tr.	185	75	[10] Separate threads give $9^{s}.94$, $11^{s}.19$.
	8	51.67	4			10.78[12]			27.3	Mer.	242	16	[11] Decl. changed one wire interval south
	10	48.72	4			10.87			29.2	Mer.	149	22	[12] One of five threads rejected; R. A.=$11^{s}.17$.
18925	8	47.70	1	20	0	11.88	29	56	24.5	Mu.	131	45	
	8	46.72	3			12.00			24.1	Mu.	58	7	
	7.8	46.73	5			12.10			26.6	Mu.	61	1	
18926	7	46.52	3	20	0	16.53	35	46	10.8	Tr.	41	42	
	7	46.73	2			16.66			....	Tr.	75	5	
18927	8	47.65	1	20	0	20.70	28	8	39.9	Mu.	128	74	
	9	46.71	5			21.04			40.2	Mer.	63	46	
18928	9	46.78	2	20	0	20.81	24	27	....	Tr.	91	4	
	9	48.62	1			21.38			17.5	Mer.	138	34	
18929	8.9	46.72	3	20	0	24.90	44	2	20.7	Mer.	67	4	
18930	9	48.67	1	20	0	25.72	23	18	16.3	Mer.	148	60	
18931	11	46.63	2	20	0	27.60	29	28	....	Tr.	59	17	
18932	8	46.72	1	20	0	32.00	30	4	6.1	Mu.	58	8	
	8	46.73	3			32.41			2.6	Mu.	61	2	
	8	47.70	2			32.74			5.9	Mu.	131	44	
18933	11	46.78	1	20	0	34.56	24	18	....	Tr.	91	5	
18934	9	48.60	3	20	0	35.65[13]	19	50	53.1[14]	Mer.	137	65	[13] R. A. decreased one thread interval.
	10	48.49	1			36.50			....	Tr.	169	119	[14] Decl. changed one rev. north.
18935	9	47.68	1	20	0	40.03	28	43	8.0	Tr.	128	17	
	9	46.58	3			40.12			13.7	Mer.	48	30	[15] One of three threads rejected; R. A.=$47^{s}.12$.
18936	8	46.72	3	20	0	40.50	43	54	42.8	Mer.	67	5	[16] Decl. changed one wire interval south.
18937	9	46.58	2	20	0	46.34[15]	31	35	56.2	Mu.	40	8	[17] If micrometer reading be assumed as 13.328 instead of 13.528 rev., as recorded, Decl.= 56″.8.
	7	48.55	3			46.59			56.7[16]	Mer.	134	106	
	9	46.61	3			46.96			44.2[17]	Mu.	44	66	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	'	''				
18938	8	48.60	3	20	0	46.92[1]	21	1	29.3	Mu.	188	50	[1] R. A. increased one thread interval.
	8	48.62	3			46.93			34.5	Tr.	184	65	
	10	48.56	2			46.93			....	Tr.	180	25	
	8.9	48.67	2			47.09			27.2	Mer.	146	30	
	10	48.55	3			47.15			24.9	Mer.	133	101	
18939	8	46.54	2	20	0	50.25	44	5	....	Mer.	44	18	
	7.8	46.72	3			50.28			55.0	Mer.	67	6	
18940	9	46.46	3	20	0	52.07	31	57	....	Tr.	30	118	
18941	10	46.58	2	20	0	52.50	30	39	....	Tr.	49	7	
18942	8	47.65	1	20	0	52.71	28	7	54.3	Mu.	128	75	
	9	46.71	4			53.15[2]			53.5	Mer.	63	47	[2] One of five threads rejected; R. A.=53^{s}.90.
	9	47.70	1			53.31			53.5	Tr.	132	2	
	9	46.63	1			53.51			54.4	Mer.	55	35	
18943	9	46.71	2	20	0	55...[3]	26	18	29.1	Mu.	56	28	[3] Separate threads give 56^{s}.02, 54^{s}.92.
	8	47.66	4			55.40[4]			26.6	Mer.	200	10	[4] One of five threads rejected; R. A.=56^{s}.12.
	9	47.68	2			55.51			26.3	Mer.	105	11	
	9.10	46.72	3			55.61			31.6	Mer.	66	16	
	9	47.66	3			55.85			31.1	Mu.	129	25	
	9	46.52	3			55.97			26.2	Mer.	35	1	
18944	8	47.70	1	20	0	56.06	30	14	34.5	Mu.	131	46	
18945	8	46.53	3	20	0	56.46	33	58	53.3	Mu.	36	63	
18946	9	48.72	1	20	1	3.48	18	46	50.7	Mu.	205	25	
	8	51.67	5			3.62			49.5[5]	Mer.	242	17	[5] Decl. changed one wire interval north.
	10	48.63	1			3.84			....	Tr.	185	76	
18947	7	47.59	2	20	1	3.58	25	43	7.3	Mer.	196	29	
	8	46.72	1			3.63			8.1	Mer.	66	17	
	7	47.54	3			3.81			9.6	Mu.	123	91	
	7.8	46.73	3			3.88			10.0	Mer.	68	26	
18948	8	47.59	1	20	1	3.49	25	37	40.5	Mer.	196	30	
	7.8	46.73	3			3.89			40.7	Mer.	68	27	
	8.9	47.54	2			4.42			40.9	Mu.	123	92	
18949	10	48.55	1	20	1	6.12	21	57	25.1	Mu.	182	85	
18950	10	47.54	2	20	1	16.38	27	40	16.8	Mer.	195	115	
18951	9	52.56	5	20	1	18.62	17	32	30.9	Tr.	284	22	
18952	6.7	46.66	4	20	1	20.05	36	28	17.5	Mu.	49	37	
18953	9.10	47.74	3	20	1	21.62	14	42	45.2	Mu.	137	8	
18954	8	46.46	2	20	1	23.96	32	45	34.7	Mu.	25	96	
	7	46.69	4			24.17			33.9	Mu.	51	12	
18955	10	47.66	3	20	1	25.65	25	21	....	Mer.	104	29	
	8	46.74	3			25.93			37.3	Mu.	64	1	
	8	47.72	2			26.06			40.4	Mu.	134	1	
18956	10	48.56	1	20	1	38.58	20	54	....	Tr.	180	26	
18957	8.9	48.60	2	20	1	43.13	19	48	55.3	Mer.	137	66	
	8	48.62	3			43.44			54.2[6]	Mu.	189	26	[6] Decl. changed one rev. north.
	9	48.62	3			43.65			....	Tr.	183	36	
	9	48.49	1			44.01			....	Tr.	169	120	
18958	9	48.55	1	20	1	46.35	21	45	2.6	Mu.	182	87	
18959	8	46.78	2	20	1	55.49	24	27	....	Tr.	91	6	
	8	48.62	3			55.53[7]			27.5	Mer.	138	35	[7] R. A. increased 10 sec.
18960	9	47.71	3	20	1	57.57	26	52	8.1	Mer.	107	18	
	9	46.71	2			57.69			....	Tr.	70	26	
18961	7	48.55	3	20	2	1.17	31	14	12.4	Mer.	134	107	
18962	11	48.60	2	20	2	3...[8]	21	44	....	Tr.	182	51	[8] Separate threads give 2^{s}.69, 3^{s}.71.
	8	48.55	1			3.96			27.1	Mu.	182	86	
18963	10	48.55	2	20	2	4.90	21	27	35.3	Mer.	133	102	
18964	9	47.65	1	20	2	5.49	29	3	65.7	Mer.	199	50	
	8	47.71	2			5.56[9]			61.6	Mer.	204	9	[9] The third thread recorded against this star assumed to belong to Mer. 204, No. 10.
	9.10	47.71	1			5.97			58.3	Mu.	132	45	
18965	9	46.71	1	20	2	6.59[10]	26	6	51.9	Mu.	56	29	[10] R. A. decreased one thread interval.
	8	47.66	3			6.65			47.6	Mer.	200	11	
18966	9	46.69	1	20	2	7.61	32	17	16.4	Mu.	51	13	
	8	46.46	2			8.06			....	Tr.	30	119	
18967	7.8	46.71	5	20	2	11.49	29	7	51.8	Mer.	61	24	
	8	47.68	2			11.50			55.5	Tr.	128	18	
	8.9	46.63	3			11.55			55.0	Mu.	47	57	
	7	47.66	2			11.58			52.7	Tr.	126	42	
	7.8	46.61	3			11.59			56.7	Mer.	51	39	
	8	47.68	4			11.61			55.7[11]	Mu.	130	38	[11] Decl. changed one rev. north.
	7	47.71	3			11.71			54.9	Mu.	132	44	
	8	46.58	7			11.72			55.2	Mer.	48	31	
	7	47.71	4			11.73[12]			57.4	Mer.	204	10	[12] Assumed that the fourth thread of this star was recorded against Mer. 204, No. 9.
	8	47.65	3			11.74			57.4	Mer.	199	51	
18968	9	46.71	3	20	2	23.21	27	46	1.4	Mer.	63	48	
	10	47.54	1			23.24			0.7[13]	Mer.	195	116	[13] Decl. changed one rev. north.
18969	9	48.67	1	20	2	26.21	20	42	10.5	Mer.	146	31	
	8	48.62	2			26.31			16.9	Tr.	184	66	
18970	9	48.67	1	20	2	29.68	24	39	56.3	Mu.	203	13	
	8	46.74	2			29.92			57.3	Mu.	64	2	
	9	48.62	2			29.92			54.8	Mer.	138	36	
	7	46.78	1			30.03			....	Tr.	91	7	
	8	46.73	4			30.10			56.5	Mer.	69	24	
	8	47.72	1			30.51			56.1	Mu.	134	2	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
18971	9	48.59	2	20	2	33.90	22	23	26.9	Mu.	187	1	
	10	48.67	2			33.99			24.8	Tr.	192	32	
	9	48.55	5			34.11			27.3[1]	Mu.	181	119	
18972	8	51.69	5	20	2	35.31	17	24	25.6	Tr.	272	1	[1] Decl. changed one rev. south.
	7	52.56	5			35.33			25.8	Tr.	284	23	
18973	8	46.63	2	20	2	39.27	29	22	....	Tr.	59	18	
	10	47.48	2			39.90			3.6	Tr.	125	60	
18974	10	48.72	3	20	2	39.71	18	15	34.1	Mer.	149	23	
18975	8	48.62	2	20	2	50.81	20	39	23.7	Tr.	184	67	
18976	7	47.70	1	20	2	53.29	29	59	38.4	Mu.	131	47	
	8	46.73	5			53.89			37.7	Mu.	61	3	
	7	46.72	3			53.97			38.0	Mu.	58	9	
	9.10	47.46	1			54.04			35.7	Tr.	122	86	
18977	9	51.69	5	20	2	55.04	16	59	27.1	Tr.	273	18	
18978	9	46.71	2	20	2	56.40	26	47	....	Tr.	70	27	
18979	9	46.58	3	20	3	1.07	29	8	12.5	Mer.	48	32	
18980	9	48.62	1	20	3	1.98	24	43	7.1	Mer.	138	37	
	9	46.73	5			2.09			10.2	Mer.	69	25	
	8.9	47.72	1			2.58			7.1	Mu.	134	3	
18981	9	48.67	2	20	3	4. . .[2]	20	40	10.6	Mer.	146	32	[2] Separate threads give 3^{s}.90, 4^{s}.96. Mü$_{1}$ gives 4^{s}.0. CiZ gives 4^{s}.3.
18982	9	47.74	4	20	3	6.33	14	13	15.3	Mu.	135	9	
	9	47.74	3			6.36			15.0	Mu.	137	9	
18983	10	48.49	2	20	3	24. . .[3]	23	48	....	Mer.	129	117	[3] R. A. decreased 1 min. Separate threads give 24^{s}.48, 23^{s}.44.
	9	48.63	3			24.71			42.6	Tr.	186	31	
18984	7	46.46	2	20	3	29.03	33	11	5.9	Tr.	27	9	
18985	9	46.60	2	20	3	31.55	28	21	....	Tr.	52	42	
	9	47.65	2			31.80			43.5	Mu.	128	76	
	10	47.70	1			31.91			40.7	Tr.	132	3	
18986	7	46.73	4	20	3	36.93	38	53	8.2	Mu.	62	12	
18987	9	48.63	3	20	3	37.61	18	35	....	Tr.	185	77	
	7	51.65	5			37.83			8.6	Tr.	269	27	
	7	51.67	5			37.89			8.0	Mer.	242	18	
18988	10	46.58	2	20	3	39.35	30	59	....	Tr.	49	8	
18989	9	46.72	2	20	3	40.36	37	17	10.2	Mu.	60	8	
18990	9	47.71	2	20	3	42.36	27	0	5.0	Mer.	107	19	
18991	10	47.54	1	20	3	42.39	27	25	44.0	Mer.	195	117	
18992	11	46.52	2	20	3	42.40	35	49	22.9	Tr.	41	43	
	9	46.73	2			42.72			....	Tr.	75	6	
18993	9	48.72	1	20	3	42.66	18	45	53.6[4]	Mu.	205	26	[4] Decl. changed one rev. north.
	8	51.67	5			43.04			53.3[5]	Mer.	242	19	[5] Decl. changed one rev. south.
18994	8	46.62	2	20	3	44.32	23	52	59.6	Mu.	46	1	
	10	48.49	1			44.92			....	Mer.	129	118	
	8	48.66	2			44.99			57.1	Mu.	196	29	
	7	48.63	2			45.27			65.8	Tr.	186	32	
18995	8	47.72	1	20	3	46.54	25	14	53.1	Mu.	134	4	
	8	46.74	1			46.69[6]			54.6	Mu.	64	3	[6] R. A. decreased one thread interval.
	7.8	46.73	3			46.96			49.2	Mer.	68	28	
	8	46.73	3			47.21			55.6	Mer.	69	26	
	10	47.66	4			47.23			....[7]	Mer.	104	30	[7] Decl. changed one wire interval south.
18996	10	47.59	2	20	3	47. . .[8]	25	42	47.7[9]	Mer.	196	31	[8] Separate threads give 47^{s}.75, 46^{s}.59. CPD gives 47^{s}.5.
18997	9	46.52	7	20	3	50.57	26	38	2.9	Mer.	35	2	
	9.10	46.46	3			50.58			7.1	Mer.	28	96	[9] Decl. changed one rev. north.
	8	48.49	1			50.61			4.7	Mu.	176	95	
	7	47.66	3			50.71[10]			8.1	Mer.	200	12	[10] One of four threads rejected; R. A.=49^{s}.89.
	9	46.71	1			50.81			9.7	Mu.	56	30	
18998	9	46.58	2	20	3	57.85[11]	30	41	....[12]	Tr.	49	9	[11] R. A. decreased one thread interval.
18999	9	48.63	2	20	4	0.02	23	25	39.6	Mu.	193	25	[12] Decl. changed two rev. south.
	.8	48.67	7			0.29			41.3	Mer.	148	61	
19000	8	47.66	1	20	4	2.90	26	29	53.1[13]	Mer.	200	13	[13] Decl. changed one wire interval south.
	9.10	47.66	2			2.91[14]			51.9	Mu.	129	26	[14] One of three threads rejected; R. A.=3^{m} 59^{s}.26.
	9	46.71	1			3.09			49.2	Mu.	56	31	
19001	9	46.66	4	20	4	4.42	36	29	14.8	Mu.	49	38	
19002	11	48.49	1	20	4	6.05	20	12	....	Tr.	169	121	
19003	11	48.62	2	20	4	7.07	19	9	....	Tr.	183	37	
	8	48.67	1			7.17			38.8	Mu.	201	29	
	8	48.63	1			7.17			34.2[15]	Mer.	141	35	[15] Decl. changed two rev. south.
19004	8	46.73	1	20	4	7.89	25	18	43.3	Mer.	69	27	
	8	46.73	2			8.33			42.2	Mer.	68	29	
19005	8	48.63	1	20	4	10.66	19	32	6.7	Mer.	141	36	
	9	48.67	1			10.99			4.7	Mu.	201	28	
19006	8	47.74	2	20	4	24.00	14	14	6.1	Mu.	137	10	
	9	47.74	3			24.04			6.6	Mu.	135	10	
19007	12	48.60	1	20	4	25.81	21	53	....	Tr.	182	52	
	10	48.55	1			26.12			10.4[16]	Mu.	182	88	[16] Decl. changed one rev. north.
19008	10	48.59	2	20	4	26.74[17]	22	30	18.4	Mu.	187	2	[17] R. A. decreased one thread interval.
19009	9	46.52	3	20	4	28.36	27	29	56.4	Mer.	39	13	
	9.10	47.54	2			28.48			52.9	Mer.	195	118	
	8	47.45	3			28.51			56.5	Mu.	119	81	
19010	9	46.70	1	20	4	31.15	35	7	26.9	Mu.	54	23	
19011	8	48.55	3	20	4	32.45[18]	31	20	54.6	Mer.	134	108	[18] R. A. increased 1 min.
	9	46.58	2			32.46[19]			55.1	Mu.	40	9	[19] One of three threads rejected; R. A.=31^{s}.50.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19012	9	46.72	5	20	4	35.51	44	7	33.7	Mer.	67	7	
19013	8	48.62	2	20	4	40.05	20	20	3.4	Tr.	184	68	
	10	48.67	2			40.14			2.6	Tr.	190	1	
	9	48.67	2			40.25			1.1	Mer.	146	33	
19014	7	51.69	4	20	4	41.98[1]	17	19	33.2	Tr.	272	2	[1] One of five threads rejected; R. A.=$42^{s}.46$.
19015	9	46.66	2	20	4	43.14[2]	36	16	59.5	Mu.	49	39	[2] One of three threads rejected; R. A.=$44^{s}.59$.
19016	10	46.72	3	20	4	47.78	26	11	30.9	Mer.	66	18	
	9	47.68	4			48.33			28.6[3]	Mer.	105	12	[3] Decl. changed two wire intervals north.
19017	9	46.46	3	20	4	48.61	31	55	....	Tr.	30	120	
19018	9	46.71	2	20	4	49.41	26	57	....	Tr.	70	28	
19019	9	51.69	5	20	5	0.89	17	24	43.8	Tr.	272	3	
19020	9	46.47	3	20	5	3.12	40	10	1.3	Mer.	29	11	
19021	9	48.72	2	20	5	3.29	18	51	12.8	Mu.	205	27	
	7	51.67	5			3.84			6.5[4]	Mer.	242	20	[4] "Micrometer wire doubtful." If Decl. be changed one wire interval south and five rev. north, Decl.=13″.8. AW gives 14″.
	10	48.63	3			4.16			....	Tr.	185	78	
19022	9	46.63	1	20	5	5.60	29	40	....	Tr.	59	19	
	10	47.48	2			5.80			20.8	Tr.	125	61	
19023	10	47.68	1	20	5	10.90	29	4	58.5	Tr.	128	19	
19024	7	48.67	2	20	5	20.83	23	19	35.9	Mer.	148	62	
	11	48.63	1			22.68			40.5	Mu.	193	26[5]	[5] "Observation doubtful."
19025	9	48.72	7	20	5	23.13	18	7	27.5	Mer.	149	24	
19026	9	46.70	3	20	5	25.41	40	28	54.5	Mer.	59	16	
19027	9	48.74	3	20	5	25.96	17	6	....	Tr.	196	1	
	8	52.55	5			26.19			54.7	Tr.	283	10	
	10	48.73	3			26.53			54.1	Tr.	195	7	
19028	9	48.67	3	20	5	26.05	20	41	16.6	Mer.	146	34	
	9	48.60	2			26.51			16.3	Mu.	188	51	
19029	9.10	48.67	2	20	5	27.87	22	29	13.5	Tr.	192	33	
	8	48.59	2			28. . .[6]			12.5	Mu.	187	3	[6] Separate threads give $20^{s}.55$, $28^{s}.11$.
	9	48.55	4			28.17			12.8	Mu.	181	120	
19030	10	46.71	2	20	5	32.27	26	45	....	Tr.	70	29	
19031	10	47.68	1	20	5	33.26	29	1	9.6	Tr.	128	20	
19032	10	48.55	1	20	5	42.65	22	0	32.2	Mu.	182	89	
19033	8	47.74	4	20	5	46.23	14	20	28.4	Mu.	137	11	
19034	10	48.74	1	20	5	47.63	17	3	....	Tr.	196	2	
	6	51.69	5			47.72			28.8	Tr.	273	19	
	9	52.55	5			47.82			27.9	Tr.	283	11	
19035	8.9	48.72	2	20	5	50.56	18	32	39.6	Mu.	205	28	
19036	8	47.71	2	20	5	53.33	29	21	36.3	Mer.	204	11	
	9	46.63	3			53.79			....	Tr.	59	20	
19037	6	47.54	3	20	5	54.98	27	28	32.1	Mer.	195	119	
	4.5	47.45	3			55.17			32.0	Mu.	119	82	
	5	46.52	4			55.28			32.2	Mu.	30	8	
	5	46.52	4			55.39			33.2	Mer.	39	14	
19038	8	48.63	2	20	6	2.20	19	39	25.8	Mer.	141	37	
	8	48.67	2			2.20			27.5	Mu.	201	30	
	10	48.62	4			2.27			....	Tr.	183	38	
	9	48.62	4			2.39			26.1	Mu.	189	27	
19039	9	46.69	6	20	6	3.52	41	55	48.7	Mer.	57	25	
	8	46.66	6			3.53			50.5	Mer.	56	33	
19040	10	48.55	2	20	6	6.02	21	15	21.4[7]	Mer.	133	103	[7] Decl. changed one rev. south.
19041	10	47.66	2	20	6	12.28[8]	24	53	....	Mer.	104	31	[8] R. A. decreased 1 min.
	9	47.72	2			12.32			56.5	Mu.	134	5	
19042	9	47.68	2	20	6	12.41	28	55	54.0	Tr.	128	21	
	8.9	46.63	1			12.49			53.3	Mu.	47	58	
	8	47.65	3			12.49			52.3	Mer.	199	52	
	9	46.58	7			12.49			52.9	Mer.	48	33	
	9	47.68	4			12.50			51.7	Mu.	130	39	
19043	9	48.62	2	20	6	12.82	24	42	10.8	Mer.	138	38	
19044	9	46.70	4	20	6	19.96[9]	40	39	5.9[10]	Mer.	59	17	[9] Three threads decreased 10 sec. each.
19045	10	48.67	2	20	6	20.85	20	26	28.8	Tr.	190	2	[10] Decl. changed one rev. north.
19046	8	52.55	5	20	6	20.92	17	11	57.5	Tr.	283	12	
19047	9	47.70	1	20	6	27.72	28	31	53.8	Tr.	132	4	
	8	46.60	3			27.74			....	Tr.	52	43	
	9	46.63	2			27.98			47.4	Mer.	55	36	
19048	8	46.46	1	20	6	29.78	33	42	27.9	Tr.	27	10	
	9	46.53	2			29.88[11]			31.2	Mu.	36	64	[11] One of three threads rejected; R. A.=$28^{s}.38$.
19049	6.7	46.73	6	20	6	30.99[12]	30	27	31.0	Mu.	61	4	[12] R. A. increased 1 min.
	4.5	47.46	1			30.99			38.9	Tr.	122	87	
	6	46.58	2			31.02			....	Tr.	49	10	
	6.7	47.46	5			31.08			29.1	Mu.	121	5	
	5	46.72	4			31.09			29.8	Mu.	58	10	
	5	47.71	2			31.10			28.0	Tr.	134	19	
	5.6	47.70	4			31.18			31.3	Mu.	131	48	
	6	47.61	3			31.28[13]			26.1	Mer.	198	1	[13] One thread increased 10 sec.
19050	9	46.58	3	20	6	31.20	31	8	23.4	Mu.	40	10	
	8	48.55	3			31.29			25.0	Mer.	134	109	
	9	47.70	2			31.32			25.5	Tr.	130	1	
19051	9	46.70	3	20	6	32.47	40	54	48.8	Mer.	59	18	
19052	9	47.68	1	20	6	36.99	28	39	30.7	Mu.	130	40	
	9	46.58	3			37.06			30.7	Mer.	48	34	
	9	46.63	1			37.53			32.3	Mer.	55	37	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19053	8	46.61	2	20	6	37.15	36	54	20.1	Tr.	56	31	
19054	8	46.78	2	20	6	37.80	24	38	....	Tr.	91	8	
	9	46.73	7			37.90			50.7[1]	Mer.	69	28	[1] Decl. changed two rev. south.
	8	48.62	3			37.96			52.0	Mer.	138	39	
	9	46.74	1			38.03			75.3[2]	Mu.	64	4	[2] If micrometer reading be assumed as 53.11 instead of 52.71 rev., as recorded, Decl.= 50″.1. Gou gives 51″.
19055	9	48.62	2	20	6	37.84	20	56	46.4	Tr.	184	69	
	11	48.56	1			38.16			....	Tr.	180	27	
19056	10	46.73	2	20	6	38.97	35	43	....	Tr.	75	7	
19057	8	51.69	5	20	6	40.30	17	18	9.2	Tr.	272	4	
	9	48.73	3			40.53			11.0	Tr.	195	8	
19058	8	48.55	2	20	6	40.59	31	41	32.0	Mer.	134	110	
	9	46.46	3			40.79			....	Tr.	30	121	
19059	8	46.62	5	20	6	41.71	41	21	29.1	Mer.	53	2	
19060	11	48.60	1	20	6	43.10	21	54	....	Tr.	182	53	
	10	48.55	2			43.13			50.8	Mu.	182	90	
19061	6	46.73	2	20	6	45.58	35	39	....	Tr.	75	8	
	6	46.52	3			45.62			15.0	Tr.	41	44	
19062	11	48.63	2	20	6	47.09	18	44	....	Tr.	185	79	
19063	8	46.71	2	20	6	47.83	27	14	....	Tr.	70	30	
	10	47.71	3			48.00			12.7	Mer.	107	20	
19064	11	46.71	1	20	6	55.22	38	0	39.0	Tr.	71	7	
19065	8	46.73	1	20	6	58.64	35	29	....	Tr.	75	9	
19066	8	48.63	3	20	7	2.66	19	21	50.1	Mer.	141	38	
	10	48.62	4			2.66			....	Tr.	183	39	
19067	10	47.68	3	20	7	9.12	25	39	27.1[3]	Tr.	129	1	[3] Decl. changed four rev. south.
	10	47.59	5			10.33[4]			24.2	Mer.	196	32	[4] One of six threads rejected; R. A.=$9^{s}.56$.
	8.9	46.73	6			10.34			23.6	Mer.	68	30	
	9.10	46.72	4			10.44			23.0	Mer.	66	19	
19068	7	46.73	2	20	7	10.78	39	27	....	Tr.	78	1	
19069	9	48.67	3	20	7	14.92[5]	24	17	19.6	Mu.	203	14	[5] One thread increased 10 sec.
	9.10	48.67	3			15.06			19.3	Mu.	199	5	
	7	46.78	2			15.24			....	Tr.	91	9	
19070	8	48.66	2	20	7	15.19	23	57	51.5	Mu.	196	31	
	7	46.62	2			16.13[6]			50.2	Mu.	46	2	[6] One of three threads rejected; R. A.=$17^{s}.52$.
	9.10	48.49	3			16.34			....	Mer.	129	119	
	7	48.63	1			16.42			52.5	Tr.	186	34	
19071	10	48.66	1	20	7	15.77	23	51	18.5	Mu.	196	30	
	9	48.63	2			16.00			17.5	Tr.	186	33	
19072	9	47.71	2	20	7	21...[7]	29	32	3.6	Mer.	204	12	[7] Separate threads give $21^{s}.58$, $20^{s}.51$.
	9	46.63	2			21.72			....	Tr.	59	21	
19073	9	46.71	6	20	7	24.03	28	3	31.1	Mer.	63	49	
	8	46.60	3			24.09			....	Tr.	52	44	
	7.8	47.65	4			24.16			30.9	Mu.	128	77	
	8	47.70	1			24.21			29.1	Tr.	132	5	
19074	11	46.52	3	20	7	29.07	35	50	57.6	Tr.	41	45	
19075	7	48.74	3	20	7	31.45	16	44	....	Tr.	196	3	
	9	48.73	1			31.51			55.1	Tr.	195	9	
	7	52.55	5			31.55			50.0	Tr.	283	13	
	4	51.69	5			31.69			52.8	Tr.	273	20	
19076	8	48.67	2	20	7	32.38	20	28	22.8[8]	Tr.	190	3	[8] If micrometer reading be assumed as 6.6 instead of 5.46 rev., as recorded, Decl.= 32″.9.
	8	48.60	1			32.77			34.8	Mu.	188	52	
	9	48.67	3			32.83			35.7	Mer.	146	35	
19077	9.10	47.66	1	20	7	35.07	26	11	31.7[9]	Mu.	129	27	[9] Decl. changed ten rev. north.
19078	9	47.70	3	20	7	36.32	31	39	45.2	Tr.	130	2	
	7	48.55	2			36.54			39.0	Mer.	134	111	
19079	11	46.58	1	20	7	40.67	30	58	....	Tr.	49	11	
19080	8.9	46.47	3	20	7	45.10[10]	40	38	37.5	Mer.	29	12	[10] Two of five threads rejected; R. A.=$45^{s}.81$, ″$44^{s}.28$.
	8	46.70	4			45.36[11]			31.7	Mer.	59	19	
19081	..	48.67	1	20	7	45.11	22	55	42.7	Mer.	148	63	[11] "Double; preceding observed."
19082	9	48.67	1	20	7	47.40	20	32	38.3	Mer.	146	36	
19083	7	51.69	5	20	7	48.74	17	18	57.8[12]	Tr.	272	5	[12] One transit thread rejected; Decl.=73″.2.
19084	10	48.62	2	20	7	55.42	20	38	10.2	Tr.	184	70	
19085	6	51.69	5	20	7	57.94	16	47	56.3	Tr.	273	21	
	9	52.55	5			58.08			60.1	Tr.	283	14	
	10	48.74	1			58.11			....	Tr.	196	4	
19086	9	48.66	2	20	8	0.87	21	23	17.8	Mer.	144	1	
	10	48.55	3			1.28			25.6	Mer.	133	104	
	12	48.56	2			1.39			....	Tr.	180	28	
19087	9	46.53	4	20	8	2.97[13]	34	8	29.1	Mu.	36	65	[13] R. A. increased one thread interval.
19088	9.10	46.71	2	20	8	10.26	38	14	56.8	Tr.	71	8	
19089	9	46.72	2	20	8	10.56	34	26	....	Tr.	73	1	
19090	8	46.73	2	20	8	16.67	39	24	....	Tr.	78	2	
19091	6	51.82	5	20	8	18.27	15	38	15.9	Mu.	282	1	
19092	8	48.55	1	20	8	19.13	21	46	29.2	Mu.	182	91	
	8	48.60	2			19.29			....	Tr.	182	54	
19093	8	46.72	2	20	8	19.68	29	51	8.1	Mu.	58	11	
	6	46.63	2			19.68			....[14]	Tr.	59	22	[14] Decl. changed one rev. north.
	9	46.71	4			19.82			10.3	Mer.	61	25	
	9	47.48	4			19.83			10.7[15]	Tr.	125	62	[15] Decl. changed one rev. south.
	8	46.73	3			19.86			5.6	Mu.	61	5	
	8	47.70	3			20.11			4.5	Mu.	131	49	
	10	47.46	1			20.12			12.0	Tr.	122	88	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19094	7	51.67	5	20	8	22.37	18	53	18.9	Mer.	242	22	
	..	51.67	5			22.37			17.9	Mer.	242	23	
	..	51.67	5			22.44			19.6	Mer.	242	21	
	8	48.63	3			22.53			....	Tr.	185	80	
	8	48.72	5			22.62			21.1	Mu.	205	29	
19095	9	47.80	1	20	8	24.05 [1]	13	51	56.8	Mer.	207	1	[1] R. A. decreased 1 min.
19096	10	46.71	2	20	8	27.27	26	59	....	Tr.	70	31	
19097	8	48.62	1	20	8	32.88	20	24	60.7	Tr.	184	71	
	8	48.60	2			32.93			62.8	Mu.	188	53	
	9	48.67	2			32.97			64.1	Mer.	146	37	
	9	48.60	2			33.19			57.8 [2]	Mer.	137	67	[2] Decl. changed one wire interval south.
	9	48.67	2			33.37			67.0	Tr.	190	4	
19098	7	51.69	5	20	8	35.73	17	26	7.6	Tr.	272	6	
19099	10	48.62	2	20	8	39. .. [3]	19	44	....	Tr.	183	40	[3] Separate threads give $40^{s}.31$, $39^{s}.48$.
	8	48.63	3			39.86			14.7 [4]	Mer.	141	39	[4] Decl. changed one wire interval south.
	10	48.67	2			40.04			17.5	Mu.	201	31	
	10	48.62	4			40.09			16.0	Mu.	189	28	
19100	9	46.71	2	20	8	41.25	26	25	37.9	Mu.	56	32	
19101	10	46.46	1	20	8	41.74	33	25	27.5	Tr.	27	11	
19102	10	46.78	2	20	8	45.11	24	31	....	Tr.	91	10	
19103	9	46.63	1	20	8	[44.44] [5]	28	35	30.3	Mu.	47	59	[5] "Too faint. Time of transit doubtful."
	9	47.68	2			45.92 [6]			28.4	Mu.	130	41	[6] "Time of transit doubtful by 1 sec."
	8	47.65	3			46.19 [7]			30.5	Mer.	199	53	[7] One of four threads rejected; R. A.=$47^{s}.08$.
	9	47.68	2			46.98			28.3	Tr.	128	22	
	9	46.58	5			47.01			29.6	Mer.	48	35	
	9	46.63	3			47.12			27.6	Mer.	55	38	
19104	11	46.72	2	20	8	49.45	34	41	....	Tr.	73	2	
19105	10	46.73	2	20	8	50.82	35	29	....	Tr.	75	10	
19106	7	48.55	3	20	8	52.75	30	58	42.1	Mer.	134	112	
	8	46.58	2			53.11			.... [8]	Tr.	49	12	[8] Decl. changed one wire interval south.
	9	46.58	2			53.12 [9]			45.1	Mu.	40	11	[9] R. A. increased one thread interval.
	9	47.71	2			53.20			40.8	Tr.	134	20	
19107	9	47.71	1	20	9	6.31	29	39	3.9	Mer.	204	13	
19108	8	46.73	1	20	9	6.82	35	20	....	Tr.	75	11	
19109	11	47.68	3	20	9	8.28	25	28	23.9	Tr.	129	2	
	8	47.59	7			8.38			24.1	Mer.	196	33	
	8.9	46.73	5			8.45			23.0	Mer.	68	31	
19110	10	47.66	4	20	9	8. .. [10]	24	49	.... [11]	Mer.	104	32	[10] Separate threads give $7^{s}.67$, $8^{s}.43$, $9^{s}.23$, $9^{s}.81$.
	8.9	46.73	3			8.88			48.6	Mer.	69	29	[11] Decl. changed two wire intervals north.
	8	46.74	2			8.89			52.7	Mu.	64	5	
	8	47.72	3			8.91			48.8	Mu.	134	6	
19111	8.9	46.73	4	20	9	9.33	24	43	42.7	Mer.	69	30	
	8.9	47.72	1			9.42			45.6	Mu.	134	7	
	8	48.62	4			9.57			40.3	Mer.	138	40	
	9	46.74	1			9.69			40.2	Mu.	64	6	
19112	7	48.67	2	20	9	12.06	22	16	7.5	Tr.	192	34	
	6	48.59	2			12.18			6.4	Mu.	187	5	
	8	48.60	3			12.21			....	Tr.	182	55	
19113	8	48.59	1	20	9	16.07	22	27	26.5	Mu.	187	4	
	9	48.67	2			16.12			27.5	Tr.	192	35	
19114	10	47.68	1	20	9	21.68	28	35	56.0	Tr.	128	23	
19115	7	51.67	5	20	9	23.54	18	43	26.2	Mer.	242	24	
	8.9	48.72	3			23.64			26.1	Mu.	205	30	
	9	48.63	2			23.90			....	Tr.	185	81	
19116	8	52.55	5	20	9	27.68	16	43	3.7 [12]	Tr.	283	15	[12] One transit thread rejected; Decl.=15″.7.
19117	9	46.70	4	20	9	33.96	41	6	33.1	Mer.	59	20	
	9	46.62	5			34.04			32.9	Mer.	53	3	
19118	7	47.45	3	20	9	39.69	27	32	12.6	Mu.	119	83	
	9	47.67	3			39.83			12.0	Tr.	127	1	
	8	46.52	4			39.87			15.2	Mer.	39	15	
	9	46.52	3			39.93 [13]			13.5	Mu.	30	9	[13] One of four threads rejected; R. A.=$38^{s}.70$.
	10	47.54	5			39.94			9.3	Mer.	195	120	
19119	7	46.46	1	20	9	41.68	33	11	40.2	Tr.	27	12	
19120	8	48.63	1	20	9	48.17	19	45	0.1	Mer.	141	40	
19121	9	47.70	1	20	9	49.46	30	9	41.8	Mu.	131	50	
19122	8.9	46.47	3	20	9	51.06	40	8	30.1	Mer.	29	13	
19123	8.9	46.73	2	20	9	52.01	25	47	18.8	Mer.	68	32	
	10	46.72	2			52.30			15.0	Mer.	66	20	
19124	9	48.60	1	20	9	52.94	20	9	22.9	Mer.	137	68	
19125	10	48.74	3	20	9	54.66	16	32	....	Tr.	196	5	
19126	8.9	48.67	4	20	9	59.00	24	21	26.5	Mu.	203	15	
	9	48.67	5			59.04			26.3	Mu.	199	6	
	6	46.78	2			59.07			....	Tr.	91	11	
	5.6	48.62	4			59.12			28.5	Mer.	138	41	
19127	9	46.46	4	20	9	59.54	32	44	54.6	Mu.	25	97	
19128	8	47.71	2	20	9	60.01	30	40	16.3	Tr.	134	21	
	8.9	47.46	3			60.10 [14]			18.1	Mu.	121	6	[14] One of four threads rejected; R. A.=$59^{s}.32$.
	8	47.61	2			60.23			12.3	Mer.	198	2	
19129	9	48.63	2	20	10	5.43	23	32	24.5	Tr.	186	35	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19130	7	47.71	3	20	10	6.55	30	5	14.0	Mer.	203	1	
	7.8	46.73	4			6.61			14.5	Mu.	61	6	
	8	47.46	2			6.68			18.4	Tr.	122	89	
	7	46.72	4			6.73			15.5	Mu.	58	12	
	7.6	47.70	2			6.78			12.6	Mu.	131	51	
19131	9	51.67	5	20	10	8.16	18	47	8.2	Mer.	242	25	
	9.10	48.72	1			8.21			8.9	Mu.	205	31	
19132	8.9	48.72	7	20	10	8.46	18	19	8.8	Mer.	149	25	
19133	11	46.61	1	20	10	10.02	36	58	5.4	Tr.	56	32	
19134	7	46.46	1	20	10	12.49	32	11	32.7	Mu.	25	98	
	8	46.69	5			12.70			35.2	Mu.	51	14	
	6	46.46	3			12.80			....	Tr.	30	122	
19135	9	46.73	2	20	10	13.58	39	51	....	Tr.	78	3	
19136	8	46.46	1	20	10	16.34	33	20	6.3	Tr.	27	13	
19137	10	48.67	1	20	10	22.32	22	35	28.8	Tr.	192	36	
19138	11	51.69	5	20	10	24.90	17	41	24.0	Tr.	272	7	
19139	10	47.71	3	20	10	27.65	26	48	15.5[1]	Mer.	107	21	[1] Decl. changed two wire intervals north.
	11	47.71	2			27.95			21.7	Tr.	133	1	
	9	46.71	2			28.33			....	Tr.	70	32	
19140	7	46.46	1	20	10	29.86	33	4	50.3	Tr.	27	14	
19141	10	48.55	2	20	10	33. . .[2]	21	38	9.7	Mu.	182	92	[2] Separate threads give $34^{\mathrm{s}}.12$, $33^{\mathrm{s}}.15$. CiZ gives $33^{\mathrm{s}}.3$.
19142	10	46.71	2	20	10	35.53	29	50	18.9	Mer.	61	26	
19143	7.8	46.70	5	20	10	37.14	35	2	54.8	Mu.	54	24	
	7	46.70	4			37.30			57.5	Mu.	53	5	
19144	9	47.71	1	20	10	39.34	29	40	37.7	Mu.	132	46	
19145	9	47.54	2	20	10	39.83	27	48	36.6	Mer.	195	121	
	8	47.65	1			40.14			37.4	Mu.	128	78	
	9	46.71	4			40.18			33.7	Mer.	63	50	
	9	47.70	1			40.53			36.8	Tr.	132	6	
19146	9	48.56	3	20	10	40.03	21	24	....	Tr.	180	29	
	8.9	48.66	2			40.59[3]			53.3	Mer.	144	2	[3] One of three threads rejected; R. A. = $39^{\mathrm{s}}.66$.
	9	48.55	3			40.73			53.1	Mer.	133	105	
19147	8.9	46.73	5	20	10	41.20	25	7	47.4[4]	Mer.	69	31	[4] Decl. changed ten rev. north.
	8.9	47.72	2			41.31			46.1	Mu.	134	8	
19148	7	48.67	3	20	10	43.62	23	11	37.1	Mer.	148	64	
	10	48.63	2			43.90			42.8	Mu.	193	27	
19149	4	48.62	6	20	10	43.75	19	34	....	Tr.	183	41	
	5	48.63	5			43.83			57.8	Mer.	141	41	
	5.6	48.67	3			44.10			55.9	Mu.	201	32	
19150	9	48.63	3	20	10	44.14	19	35	52.6	Mer.	141	42	
	10	48.67	1			45.92[5]			53.0	Mu.	201	33	[5] Ya gives $44^{\mathrm{s}}.2$.
19151	8	47.68	2	20	10	45.78	25	41	11.4	Tr.	129	3	
	7	47.59	2			46.10			13.4	Mer.	196	34	
	8	46.72	3			46.24			13.1	Mer.	66	21	
	7.8	46.72	2			46.39			15.7	Mer.	68	33	
19152	10	48.74	2	20	10	46.24	16	57	....	Tr.	196	6	
	9	52.55	5			46.34			41.0	Tr.	283	16	
19153	11	46.78	2	20	10	48.55	24	15	....	Tr.	91	12	
19154	9	46.53	2	20	10	50. . .[6]	33	25	28.8	Mu.	36	66	[6] Separate threads give $49^{\mathrm{s}}.47$, $50^{\mathrm{s}}.53$. Gou gives $50^{\mathrm{s}}.3$.
19155	8.9	48.67	2	20	10	51. . .[7]	20	22	35.1	Mer.	146	38	
	8	48.67	1			51.07			34.1	Tr.	190	5	[7] Separate threads give $52^{\mathrm{s}}.18$, $51^{\mathrm{s}}.11$.
	9	48.60	1			51.24			31.4[8]	Mer.	137	69	[8] Decl. changed one wire interval south.
	8	48.62	2			51.33			34.2[9]	Tr.	184	72	[9] Decl. changed one wire interval north.
	9	48.62	3			51.52[10]			34.4	Mu.	189	29	[10] R. A. decreased 1 min.
	8	48.60	2			51.69			35.7	Mu.	188	54	
19156	10	48.66	1	20	10	52.23	21	22	42.3	Mer.	144	3	
	10	48.55	2			53.09			45.9	Mer.	133	106	
19157	9	46.72	4	20	10	59.97	37	19	10.2	Mu.	60	9	
19158	9	47.71	1	20	10	59.31	29	35	49.3[11]	Mer.	204	14	[11] Decl. changed five rev. south.
	6	47.66	1			59.99			48.8	Tr.	126	43	
	8	46.71	3			60.13			43.8	Mer.	61	27	
	6	46.63	1			60.22			....	Tr.	59	23	
	7.8	47.71	1			60.28			48.1	Mu.	132	47	
	8	46.61	4			60.34			51.4	Mer.	51	40	
	8	47.48	2			60.36			51.9	Tr.	125	63	
19159	10	46.73	2	20	11	0.35	35	36	....	Tr.	75	12	
19160	9	46.60	4	20	11	1.61	28	18	....	Tr.	52	45	
	8	47.70	1			1.63			14.9	Tr.	132	7	
	10	46.63	2			1.87[12]			4.3[13]	Mer.	55	39	[12] One thread decreased one thread interval.
19161	11	46.71	1	20	11	3.77	38	10	45.8	Tr.	71	9	[13] If micrometer reading be assumed as 42.66 instead of 42.96 rev., as recorded, Decl. = 15″.6.
19162	8	48.55	7	20	11	7.46	31	27	55.8	Mer.	134	113	
	8.9	46.58	4			7.66			56.2	Mu.	40	12	
	9	47.70	2			7.78			55.2	Tr.	130	3	
19163	6	46.52	4	20	11	9.86	36	8	30.8	Tr.	41	46	
	7	46.66	5			9.88			30.2	Mu.	49	40	
19164	6	47.66	1	20	11	11.21	29	39	31.2	Tr.	126	44	
	8	46.72	4			11.32			26.8	Mu.	61	7	
	8	47.71	3			11.70			29.0[14]	Mu.	132	48	[14] Decl. changed five rev. south.
	8	46.72	1			12.08			27.9	Mu.	58	14	
	8	47.71	2			12.58			29.1	Mer.	204	15	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19165	9	48.62	1	20	11	12.28	20	22	25.4[1]	Tr.	184	73	[1] Decl. changed one wire interval north.
	9	48.67	1			12.35			29.5	Tr.	190	6	
	9	48.67	1			12.60			28.7	Mer.	146	39	
19166	6.7	47.71	3	20	11	12.69	29	39	49.3[2]	Mu.	132	49	[2] Decl. changed five rev. south.
	6	46.72	1			12.95			46.9	Mu.	58	13	
	6	46.63	4			12.98			....	Tr.	59	24	
	8	47.48	3			13.00			49.5	Tr.	125	64[3]	[3] "Second of double."
	8	47.46	1			13.02			52.9	Tr.	122	90[3]	
	7	47.71	1			13.06			55.8	Mer.	203	2[3]	
	6	47.66	1			13.08			50.4[4]	Tr.	126	45	[4] "Micrometer reading doubtful." Reduced for 11.3 instead of 11.30 rev., as recorded.
	7.8	46.71	2			13.09			51.6	Mer.	61	28	
	6	46.61	2			13.22			48.7	Mer.	51	41	
	7.8	46.73	4			13.28			49.6	Mu.	61	8	
	6.7	47.70	1			13.30			49.9	Mu.	131	52[5]	[5] "Double; brighter observed."
	7	47.71	2			13.58			51.4	Mer.	204	16	
19167	8	47.80	4	20	11	23.69[6]	13	55	7.0	Mer.	207	2	[6] R. A. increased 1 min.
19178	8	47.59	2	20	11	25.93	25	40	37.5	Mer.	196	35	
	8.9	46.73	2			25.99			37.0	Mer.	68	34	
	8.9	46.72	4			26.04			38.4	Mer.	66	22	
19169	6	51.82	5	20	11	26.29	15	28	55.4	Mu.	282	2	
19170	8	46.66	2	20	11	28.01	36	23	4.1	Mu.	49	41	
19171	9	46.71	2	20	11	28.51	27	13	....	Tr.	70	33	
19172	9	48.72	2	20	11	32.75	17	57	52.1	Mer.	149	26	
19173	9	47.70	1	20	11	33.66	28	2	32.3	Tr.	132	8	
19174	10	47.67	2	20	11	36.01[7]	27	30	24.4[8]	Tr.	127	2	[7] R. A. decreased one thread interval.
19175	8	46.71	2	20	11	37.21	26	36	58.7	Mu.	56	33	[8] Decl. changed one rev. south.
	8.9	46.52	7			37.29			58.8[9]	Mer.	35	3	[9] Decl. changed six rev. south.
	9	47.68	4			37.37			60.5	Mer.	105	13	
	7.8	47.66	4			37.39			55.5	Mer.	200	14	
	8	47.66	4			37.48			59.2	Mu.	129	28	
	9	46.46	4			37.56			61.2	Mer.	28	97	
19176	9	47.54	2	20	11	37.53	27	48	13.9	Mer	195	122	
	8	46.52	5			37.84			19.3	Mer.	39	16	
	8.9	47.45	3			38.12			16.9	Mu.	119	84	
	7	47.65	2			38.19			14.5	Mu.	128	79	
	9	46.71	5			38.20			13.8	Mer.	63	51	
19177	9	46.73	2	20	11	37.59	39	36	....	Tr.	78	4	
19178	9	47.72	1	20	11	41.97	25	15	30.1	Mu.	134	10	
	9	46.73	4			42.74			34.4	Mer.	69	32	
19179	7.8	46.70	5	20	11	42.86	41	13	33.2	Mer.	59	21	
	8.9	46.62	5			43.02			29.2	Mer.	53	4	
19180	6	46.46	1	20	11	43.49	33	12	20.2	Tr.	27	15	
19181	8	48.67	1	20	11	46.13	20	25	59.9	Tr.	190	7	
	9	48.67	2			46.32			56.7[10]	Mer.	146	40	[10] Decl. changed one rev. south.
19182	8	47.72	1	20	11	46.25	25	15	57.4	Mu.	134	9	
	7.8	46.73	3			46.40			61.1	Mer.	68	35	
	8	46.74	3			46.40[11]			55.1	Mu.	64	7	[11] One of four threads rejected, R. A.=$47^{s}.26$.
	9	47.66	3			46.43			....	Mer.	104	33	
	8	46.73	6			46.55			59.6	Mer.	69	33	
19183	9	48.60	1	20	11	46.93	20	6	45.8	Mer.	137	70	
	6.7	48.62	3			47.08			48.7[12]	Mu.	189	30	[12] Decl. changed one rev. north.
19184	8	48.49	2	20	11	47.66	20	22	....	Tr.	169	122[13]	[13] Unidentified. Looked for with equatorial but not found.
19185	11	46.78	2	20	11	49.51	24	30	....	Tr.	91	13	
19186	9	46.61	2	20	11	57.02	37	4	40.1	Tr.	56	33	
19187	9	48.66	2	20	12	0.62	21	16	24.7[14]	Mer.	144	4	[14] If micrometer reading be assumed as 41.880 instead of 41.580 rev., as recorded, Decl.= 14″.4. AW gives 15″. CiZ gives 14″.
	11	48.56	2			0.64			....	Tr.	180	30	
	10	48.55	3			1.01			11.8	Mer.	133	107	
19188	9	46.72	3	20	12	1.40	37	22	18.5	Mu.	60	10	
19189	9	46.70	3	20	12	1.53	34	56	56.3[15]	Mu.	53	6	[15] Decl. changed one rev. north.
	9	46.70	3			1.83			53.6	Mu.	54	25	
19190	10	48.67	1	20	12	11.09	19	34	6.4	Mu.	201	34	
19191	5.6	46.69	5	20	12	15.61	42	31	2.6	Mer.	57	26	
19192	8	46.74	1	20	12	16.12	24	47	58.2	Mu.	64	8	
	9	46.73	1			16.40			53.0	Mer.	69	34	
19193	9	48.60	1	20	12	16.15	20	6	35.4	Mer.	137	71	
19194	8	51.67	5	20	12	16.76	18	37	23.7	Mer.	242	26	
	6	51.68	5			16.81			21.1	Tr.	271	2	
	8	48.63	3			16.84			....	Tr.	185	82	
	8.9	48.72	4			16.92			25.7	Mu.	205	32	
19195	..	48.62	5	20	12	21.56	24	9	43.1	Mer.	138	42	
19196	8.5	47.80	2	20	12	21.63	14	7	49.2	Mer.	207	3	
19197	10	48.73	2	20	12	22...[16]	17	18	2.6	Tr.	195	10	[16] Separate threads give $22^{s}.03$, $22^{s}.87$.
	9	48.74	2			22.71			....	Tr.	196	7	
19198	9	48.63	1	20	12	24.43	18	47	....	Tr.	185	83	
	7	51.67	5			24.46			32.9[17]	Mer.	242	27	[17] Decl. changed one rev. south.
	5	51.68	5			24.53			31.1	Tr	271	1	
	8	48.72	4			24.55			34.0	Mu.	205	33	
19199	9	51.69	5	20	12	26.77	17	28	53.3	Tr.	272	8	
19200	8	48.63	2	20	12	27.24	19	12	20.0	Mer.	141	43	
19201	7	51.69	5	20	12	27.96	17	9	55.1	Tr	273	22	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19202	10	46.71	1	20	12	28.73	38	16	14.6	Tr.	71	10	
19203	6	51.82	5	20	12	31.64	15	53	49.9	Mu.	282	3	
19204	8	48.67	4	20	12	32.61	23	14	60.8	Mer.	148	65	
	11	48.63	1			33.05			59.7	Mu.	193	28	
19205	7	46.58	3	20	12	35.78	30	50	....	Tr.	49	13	
	8	47.61	5			35.86			62.8	Mer.	198	3	
	8.9	47.46	2			35.87[1]			61.9	Mu.	121	7	[1] One of three threads rejected; R. A.=34^{s}.97.
	8	47.71	3			35.88			57.1	Tr.	134	22	
19206	8	48.63	3	20	12	36.20	23	56	42.7	Tr.	186	36	
	8	48.55	3			36.22			49.5	Mu.	184	1	
	9	48.66	3			36.39			48.9	Mu.	196	32	
	7	46.62	2			36.48			49.5	Mu.	46	3	
19207	7	51.69	5	20	12	39.01	17	31	41.1	Tr.	272	9	
19208	11	47.70	2	20	12	40.64	31	13	52.8	Tr.	130	4	
19209	9	46.72	4	20	12	41.93	44	8	40.7	Mer.	67	8	
19210	9	47.71	1	20	12	43.20	29	33	44.6	Mu.	132	50	
19211	11	48.60	2	20	12	47.61	21	53	....	Tr.	182	56	
	8	48.55	3			47.91			4.3	Mu.	182	93	
19212	8	48.55	3	20	12	48.85	31	36	29.4	Mer.	134	114	
19213	10	46.46	1	20	12	51.01[2]	33	10	45.1	Tr.	27	16	[2] R. A. increased one thread interval.
19214	10	48.67	1	20	12	51.95	19	32	47.1	Mu.	201	35	
19215	10	47.71	3	20	12	54.90	26	39	45.8	Mer.	107	22	
	8	46.71	2			55.28			....	Tr.	70	34	
19216	9	46.73	2	20	13	8.71	35	14	....	Tr.	75	13	
19217	5	51.69	5	20	13	13.18	16	44	56.3	Tr.	273	23	
19218	7.8	47.65	3	20	13	15.60	28	11	54.9	Mu.	128	80	
	9	46.71	4			15.83			57.4	Mer.	63	52	
	9	47.70	1			15.90			52.9	Tr.	132	9	
19219	9	48.59	3	20	13	18.12	22	25	52.5[3]	Mer.	136	1	[3] If micrometer reading be assumed as 42.760 instead of 42.460 rev., as recorded, Decl.= 42″.1.
	9	48.67	2			18.28			40.1	Tr.	192	37	
	7	48.59	3			18.31			43.2	Mu.	187	6	
	9	48.55	2			18.39[4]			....	Tr.	179	1	[4] R. A. decreased one thread interval.
19220	9	47.80	1	20	13	18.80	13	39	42.8	Mer.	207	4	
19221	10	47.59	1	20	13	19.34	25	27	10.6	Mer.	196	36	
19222	7	46.52	3	20	13	20.54	35	51	2.3	Tr.	41	47	
19223	10	46.72	2	20	13	21.49	34	42	....	Tr.	73	3	
19224	8	46.71	2	20	13	27.82	26	37	....	Tr.	70	35	
19225	10	46.61	3	20	13	33.01	37	9	46.3	Tr.	56	34	
19226	9	46.53	2	20	13	34.62	33	43	48.6	Mu.	36	68	
19227	8	46.53	4	20	13	35.74	33	31	20.3	Mu.	36	67	
	6.7	46.46	1			35.90			19.6	Tr.	27	17	
19228	10	48.66	1	20	13	39.17	20	42	2.6	Mer.	144	5	
	9	48.67	2			39.46			10.1	Tr.	190	8	
	9	48.62	3			39.52			9.1	Tr.	184	74	
	9.10	48.67	1			39.79			8.2	Mer.	146	41	
19229	9	48.74	1	20	13	39.96	17	15	....	Tr.	196	8	
	6	51.69	5			40.30			2.3	Tr.	273	24	
19230	10	46.73	2	20	13	40.53	39	44	....	Tr.	78	5	
19231	8	47.71	1	20	13	42.09	29	37	33.8	Mu.	132	51	
	8	47.66	1			42.33			35.7	Tr.	126	46	
	8	46.72	1			42.41			30.0	Mu.	58	15	
	7	46.63	3			42.54			....	Tr.	59	25	
	9	47.48	3			42.58			33.7	Tr.	125	65	
	8	47.71	3			42.68			34.5	Mer.	204	17	
	10	46.71	3			42.68			34.4	Mer.	61	29	
	7.8	47.70	1			42.95			36.8	Mu.	131	53	
19232	9	48.63	2	20	13	43.77	19	9	38.0	Mer.	141	44	
	11	48.62	3			43.79			....	Tr.	183	42	
	10	48.67	1			44.14			39.4	Mu.	201	36	
	9	48.69	2			44.41[5]			38.2	Tr.	193	1	[5] One of three threads rejected; R. A.=17^{s}.29. If rejected thread, 25^{s}.3 be reduced for 52^{s}.3 R. A. (of rejected thread)=44^{s}.29.
19233	10	48.62	2	20	13	45.68	20	15	10.6	Mu.	189	31	
	9	48.60	3			45.82[6]			5.5	Mer.	137	72	
19234	9	48.59	1	20	13	47.83	22	49	3.1	Mu.	187	7	[6] R. A. decreased 1 min.
	9	48.67	2			47.96			9.0	Tr.	192	38	
	6	48.67	5			48.07			3.1	Mer.	148	66	
	10	48.63	2			48.20[7]			4.9	Mu.	193	29	[7] R. A. decreased 1 min.
19235	11	46.71	1	20	13	51.31	37	57	50.0	Tr.	71	11	
19236	8	46.69	5	20	13	51.46	42	16	16.0	Mer.	57	27	
19237	10	48.72	1	20	13	52.98	18	17	53.6	Mer.	149	27	
19238	8	46.73	2	20	13	57. . .[8]	25	24	2.0	Mer.	68	36	[8] Separate threads give 57^{s}.02, 57^{s}.84.
	10	47.59	1			57.39			14.5	Mer.	196	37	
	9	46.74	1			57.60			4.7	Mu.	64	9	
	9	47.68	2			57.81			10.4	Tr.	129	4	
	8	47.72	1			58.10			5.1	Mu.	134	11	
19239	10	46.71	1	20	14	1.83	37	58	33.8	Tr.	71	12	
19240	9	48.74	1	20	14	2.39	16	59	....	Tr.	196	9	
	7	51.69	5			2.44			40.6	Tr.	273	25	
	10	48.73	3			2.67			47.7	Tr.	195	11	
19241	7.8	47.72	1	20	14	2.91[9]	25	27	48.2	Mu.	134	12	[9] Gou gives 4^{s}.2.
	10	47.59	1			4.27			47.7	Mer.	196	38	
	8	46.73	2			4.34			45.9	Mer.	68	37	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19242	7	46.52	3	20	14	6.80	35	36	19.9	Tr.	41	48	
	6	46.73	2			6.80			....	Tr.	75	14	
19243	8	46.73	1	20	14	11.32	35	26	....	Tr.	75	15	
19244	9.	47.68	2	20	14	12.68	26	21	40.1	Mer.	105	14	
	9	47.66	3			12.80			45.8	Mer.	200	15	
	9	46.71	1			13.09			55.9[1]	Mu.	56	34	[1] Mü$_1$ gives 44″. Mü$_2$ gives 45″.
19245	9	46.73	6	20	14	12.88	24	58	7.6[2]	Mer.	69	35	[2] Decl. changed one rev. north.
	..	47.66	3			13.12			....	Mer.	104	34	
19246	10	47.65	1	20	14	15.17	28	55	9.6[3]	Mer.	199	54	[3] Decl. changed one wire interval north.
	10	47.68	1			15.27			6.8	Tr.	128	24	
19247	9	46.69	2	20	14	16.12	42	8	47.8	Mer.	57	28	
	8	46.66	7			16.34			46.0	Mer.	56	34	
19248	9	47.80	1	20	14	18.99	13	42	17.2	Mer.	207	5	
19249	10	48.55	3	20	14	19.05	21	19	13.0	Mer.	133	108	
19250	9.10	46.72	2	20	14	19.61	43	37	6.3	Mer.	67	9	
19251	9	46.72	2	20	14	21.20	34	37	....	Tr.	73	4	
19252	6	46.71	1	20	14	28.52	27	12	....	Tr.	70	36	
	7	47.45	4			28.60			38.5	Mu.	119	85	
	7.8	46.52	6			28.62			40.4	Mer.	39	17	
	8	46.52	3			28.69			38.6[4]	Mu.	30	10	[4] Decl. changed five rev. north.
	8	47.54	2			28.85			43.7	Mer.	195	123	
	6	47.71	3			28.92			38.5	Tr.	133	2	
	8	46.46	6			28.98			39.4	Mer.	28	98	
19253	8	48.63	3	20	14	31.30	18	49	....	Tr.	185	84	
	8	51.67	5			31.56			0.0	Mer.	242	28	
	8.9	48.72	5			31.61			0.0	Mu.	205	34	
	9	48.69	2			31.63			6.0	Tr.	193	2	
19254	9	46.70	4	20	14	33.41	34	57	2.2	Mu.	53	7	
19255	7	51.69	5	20	14	42.87	17	41	22.2	Tr.	272	10	
19256	11	48.60	3	20	14	43.83	21	48	....	Tr.	182	57	
	9	48.55	1			44.27			10.6	Mu.	182	94	
19257	9	48.62	3	20	14	46.57	21	0	22.3	Tr.	184	75	
	10	48.56	2			46.57			23.0	Mu.	185	1	
	10	48.55	2			46.78			15.9	Mer.	133	109	
	9	48.56	2			46.97			....	Tr.	180	31	
	9	48.60	2			47.02			21.9	Mu.	188	55	
	9	48.66	3			47.08[5]			18.9	Mer.	144	6	[5] R. A. decreased one thread interval.
19258	8	47.70	3	20	14	51.57	30	57	62.5	Tr.	130	5	
	8	47.61	2			51.71[6]			61.7	Mer.	198	4	[6] R. A. increased 10 sec.
	7.8	46.58	5			51.77			58.3	Mu.	40	13	
	8	46.58	3			51.87			....	Tr.	49	14	
	7	48.55	4			51.95			56.8	Mer.	134	115	
	8	47.71	2			51.99			60.2	Tr.	134	23	
	8.9	47.46	3			52.01[7]			60.2	Mu.	121	8	[7] One of four threads rejected; R. A.=51^{s}.28.
19259	9	46.62	5	20	14	51.94	41	12	44.3	Mer.	53	5	
	7.8	46.70	5			52.09			45.7	Mer.	59	22	
19260	9	46.70	1	20	14	54.59	35	11	19.4	Mu.	53	8	
	9	46.70	4			55.77			18.4[8]	Mu.	54	26	[8] Decl. changed one rev. south.
19261	8	47.65	2	20	14	57.45	28	51	44.8	Mer.	199	55	
	8.9	46.58	5			57.53			46.0	Mer.	48	36	
	9	47.68	2			57.54			43.4	Tr.	128	25	
	9	47.68	4			57.64			46.7	Mu.	130	42	
19262	10	48.67	3	20	14	57.58	24	38	26.0	Mu.	203	16	
	8	48.62	5			57.66			27.5	Mer.	138	43	
	9	46.73	4			57.68			24.8	Mer.	69	36	
	8	46.62	2			57.69			....	Tr.	57	66	
	8	47.72	1			57.91			26.7	Mu.	134	13	
19263	10	46.63	1	20	14	57.73	28	2	53.3	Mer.	55	40	
	9	46.71	3			57.96			57.4	Mer.	63	53	
	9	47.70	2			58.09			53.5	Tr.	132	10	
19264	6	51.68	5	20	14	57.83	18	41	37.6	Tr.	271	3	
	9	51.67	5			57.87			32.5	Mer.	242	29	
	9	48.69	1			57.93			34.2	Tr.	193	3	
	9.10	48.72	2			57.95			31.4	Mu.	205	35	
19265	8	47.65	1	20	14	59.72	28	28	55.7	Mu.	128	81	
19266	9	46.73	3	20	14	59.89	30	19	9.3	Mu.	61	9	
	9	47.71	4			60.28			8.6	Mer.	203	3	
19267	8	46.72	5	20	15	3.54	37	28	28.2	Mu.	60	11	
19268	9.10	46.46	1	20	15	5.96	33	30	18.7	Tr.	27	18	
19269	8	48.67	1	20	15	6.37	20	23	19.1	Tr.	190	9	
	10	48.60	2			6.75			13.4[9]	Mer.	137	73	[9] Decl. changed one rev. south.
19270	9.10	46.72	4	20	15	6.88	25	42	42.1	Mer.	66	23	
19271	8	48.67	3	20	15	7.39	23	12	19.2	Mer.	148	67	
19272	9	46.63	1	20	15	7.61	28	28	....	Mu.	47	60[10]	[10] "Too faint."
	8	46.60	3			8.24			....	Tr.	52	46	
	10	46.63	2			8.40			31.2	Mer.	55	41	
	8	47.65	1			8.83[11]			39.5	Mu.	128	82	[11] R. A. decreased 1 min.
19273	9.10	48.67	1	20	15	9.79	20	42	39.5	Mer.	146	42	
19274	9	46.58	1	20	15	15.66	30	58	57.6	Mu.	40	14[12]	[12] Unidentified. Looked for with equatorial but not found.
19275	9	51.68	5	20	15	19.22	18	35	24.9	Tr.	271	4	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19276	9	48.55	1	20	15	20.17	21	38	57.3	Mu.	182	95	
	10	48.60	2			20.68			....	Tr.	182	58	
19277	11	47.71	1	20	15	24.13	30	59	43.8	Tr.	134	24	
	8	48.55	2			24.22			40.7	Mer.	134	116	
	..	47.61	1			24.82			56.5[1]	Mer.	198	5	[1] Decl. changed one wire interval north. GZ gives 42″.
19278	10	47.71	1	20	15	25.10	30	44	2.8	Tr.	134	25	
19279	9	47.54	2	20	15	26.24[2]	27	22	38.4	Mer.	195	124	[2] One of three threads rejected; R. A.=$27^{s}.00$.
	9	47.67	3			26.43			38.9	Tr.	127	3	
19280	7	46.62	3	20	15	26.45	23	57	13.5	Mu.	46	4	
	8	48.63	3			26.56			18.8	Tr.	186	37	
	8	48.55	5			26.58[3]			13.0	Mu.	184	2	[3] Four threads increased 10 sec. each.
	9	48.66	2			26.68			13.5	Mu.	196	33	
19281	7	47.48	3	20	15	29.13	29	33	21.3	Tr.	125	66	
	7	47.71	3			29.28			17.3	Mu.	132	52	
	7.8	46.71	3			29.31			19.8	Mer.	61	30	
	6	47.66	2			29.33			18.6	Tr.	126	47	
	4	46.63	3			29.46			....	Tr.	59	26	
	7	47.71	7			29.48			15.0[4]	Mer.	204	18	[4] Decl. changed one wire interval north.
	7	46.61	4			29.53			17.5	Mer.	51	42	
	7.8	46.70	2			29.60			18.8	Mer.	58	1	
19282	10	48.55	3	20	15	32.90	22	31	....	Tr.	179	2	
	10	48.59	1			33.00			41.5	Mu.	187	8	
	9	48.67	2			33.07			43.2	Tr.	192	39	
19283	10	47.48	2	20	15	35.18	26	18	40.2	Mer.	102	36	
	8.9	47.66	5			35.28			43.9	Mu.	129	29	
	6	46.71	3			35.31			42.8	Mu.	56	35	
	7.8	46.52	6			35.33			42.9	Mer.	35	4	
	8	47.68	2			36.37[5]			39.0	Mer.	105	15	[5] R. A. decreased one thread interval.
	7	47.66	5			35.52			43.7	Mer.	200	16	
19284	9	48.56	1	20	15	35.34	21	23	33.3	Mu.	185	2	
	10	48.55	1			35.36			35.8	Mer.	133	110	
	9	48.66	2			35.95			31.7	Mer.	144	7	
	9	48.56	2			36.09			....	Tr.	180	32	
19285	9	46.73	1	20	15	36.35	30	1	33.4	Mu.	61	10	
	9	47.71	1			36.39			30.2	Mer.	203	4	
	8.9	47.70	1			36.49			32.9	Mu.	131	55	
	8	46.72	3			36.61			33.8	Mu.	58	16	
19286	8	51.82	4	20	15	37.86[6]	15	27	51.6	Mu.	282	4	[6] One of five threads rejected; R. A.=$37^{s}.42$.
19287	9	46.73	1	20	15	40.36	25	0	33.7[7]	Mer.	69	37	[7] Decl. changed one rev. north.
19288	..	47.80	4	20	15	45.60	13	52	27.0	Mer.	207	6	
19289	7.8	46.62	4	20	15	45.93[8]	41	16	23.6	Mer.	53	6	[8] One of five threads rejected; R. A.=$44^{s}.98$.
19290	10	47.66	2	20	15	46.75	24	44	....	Mer.	104	35	
	9	48.62	2			47.20[9]			9.1	Mer.	138	44	[9] R. A. decreased one thread interval.
	10	48.67	1			47.31			11.6	Mu.	203	17	
	8	47.72	1			47.37			10.1	Mu.	134	14	
19291	9	46.73	2	20	15	49.20	25	1	24.3	Mer.	69	38	
19292	11	46.66	2	20	15	50.00	35	46	....	Tr.	61	1	
19293	12	48.62	1	20	15	54.16	19	15	....	Tr.	183	43	
	10	48.63	3			54.17			8.8	Mer.	141	45	
19294	8	46.72	2	20	15	55.28[10]	34	47	....	Tr.	73	5	[10] R. A. increased one thread interval.
19295	9	51.69	5	20	15	55.74	17	32	46.1	Tr.	272	12	
19296	8	47.71	1	20	15	55.87	29	20	35.9	Mu.	132	53	
	8	47.66	1			55.88			36.6	Tr.	126	48	
	8	47.71	1			56.16			36.5[11]	Mer.	204	19	[11] Decl. changed one rev. north.
19297	6	51.69	5	20	15	59.62	17	29	26.1	Tr.	272	11	
19298	8	47.61	1	20	16	4.13	30	27	55.9[12]	Mer.	198	6	[12] Decl. changed one rev. north.
	8	47.46	2			4.29			57.1	Mu.	121	9	
	8	47.71	3			4.45			61.0	Mer.	203	5	
	7	47.70	1			4.58			59.6	Mu.	131	54	
19299	10	48.60	1	20	16	5.59	20	11	23.9[13]	Mer.	137	74	[13] Decl. changed five rev. north.
19300	10	46.73	2	20	16	6.34	35	30	....	Tr.	75	16	
19301	8	46.46	1	20	16	12.04	33	1	7.0	Tr.	27	19	
19302	6.7	47.65	1	20	16	14.23	29	8	44.3	Mer.	199	56	
	6.7	46.71	3			14.98			44.1	Mer.	61	31	
	6	46.61	4			15.00			35.3[14]	Mer.	51	43	[14] If micrometer reading be assumed as 45.36 instead of 45.56 rev., as recorded, Decl.= 42″.1.
	7	46.58	7			15.14			41.2	Mer.	48	37	
	6	47.68	5			15.21			42.8	Mu.	130	43	
	7	46.70	1			15.24			46.5	Mer.	58	2	
	7	47.68	2			15.31			47.0	Tr.	128	26	
	6.7	46.63	1			15.55			43.8	Mu.	47	61	
	6	47.71	1			15.72			40.8	Mu.	132	54	
19303	8	48.67	2	20	16	16.10	20	29	32.8	Tr.	190	10	
	9	48.62	2			16.24			32.7	Tr.	184	76	
	9	48.60	2			16.29			32.5	Mu.	188	56	
	9	48.67	2			16.44			33.2[15]	Mer.	146	43	[15] Decl. changed one wire interval north and four rev. south.
19304	10	48.66	1	20	16	17.93	23	39	39.8	Mu.	196	34	
19305	7	46.72	1	20	16	19.45	29	55	12.6	Mu.	58	17	
	7	47.70	1			19.56			15.2	Mu.	131	56	
	8.9	46.73	1			19.64			11.9	Mu.	61	11	
19306	6	51.67	5	20	16	24.51	18	19	....	Tr.	270	14	
19307	7	48.62	4	20	16	24.73	19	54	55.3	Mu.	189	32	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19308	8.9	46.53	5	20	16	25.75	34	7	6.5	Mu.	36	69	
19309	10	48.67	2	20	16	26.63	19	10	56.9	Mu.	201	37	
19310	9.10	48.55	2	20	16	28.56	23	57	42.1	Mu.	184	3	
	8	48.63	3			28.74			48.6	Tr.	186	38	
19311	9	46.69	4	20	16	30.21[1]	42	32	22.5	Mer.	57	29	[1] R. A. increased 1 min. One of five threads rejected; R. A.=$31^{s}.06$.
19312	11	46.66	2	20	16	31. . .[2]	35	41	. . . .	Tr.	61	2	
19313	11	48.56	1	20	16	42.32	21	38	. . . .	Tr.	180	33	[2] Separate threads give $31^{s}.72$, $32^{s}.52$. CPD gives $31^{s}.4$.
19314	9	46.66	5	20	16	43.95	41	28	49.9	Mer.	56	35	
19315	8.9	46.70	5	20	16	44.83	40	53	47.0	Mer.	59	23	
19316	7	47.71	3	20	16	44.96	27	2	18.8	Tr.	133	3	
	7	46.71	2			44.97			. . . .	Tr.	70	37	
	8	47.71	5			45.00			18.9	Mer.	107	23	
	8	46.46	6			45.05			20.1	Mer.	28	99	
19317	10	48.60	2	20	16	45. . .[3]	22	8	. . . .	Tr.	182	59	[3] Separate threads give $45^{s}.93$, $47^{s}.04$.
	10	48.59	1			45.96			55.7[4]	Mer.	136	3	[4] Reduced for 46.515 rev. Micrometer reading may be 46.815, giving Decl.=45″.3.
	10	48.59	1			46.22			39.4	Mu.	187	9	
	10	48.67	1			46.35			40.6	Tr.	192	40	
	9	48.55	1			46.72			37.6	Mu.	182	96	
19318	10	48.56	3	20	16	46.98	22	15	52.9	Mer.	135	1	
	10	48.55	2			47.02			. . . .	Tr.	179	3	
	11	48.67	1			47.25			60.2	Tr.	192	41	
	10	48.59	1			47.41[5]			60.9	Mer.	136	2	[5] R. A. increased 10 sec.
19319	9	48.67	4	20	16	48.10[6]	23	3	19.3	Mer.	148	68	[6] R. A. increased 1 min.
	11	48.63	1			48.19			19.0	Mu.	193	30	
19320	10	48.74	2	20	16	49.09	16	50	. . . .	Tr.	196	10	
	9	51.69	5			49.43			55.9	Tr.	273	26	
19321	9	47.66	1	20	16	50.24	29	31	23.3	Tr.	126	49	
19322	10.11	48.72	2	20	16	51.45[7]	17	48	16.1	Mer.	149	28	[7] R. A. decreased one thread interval.
19323	7	46.46	4	20	16	59.84	32	48	46.9	Mu.	25	99	
19324	9	48.67	2	20	17	2.56	23	4	33.6	Mer.	148	69	
19325	8.9	46.73	3	20	17	9.01	25	19	45.6	Mer.	68	38	
	8.9	47.72	1			9.62			44.6	Mu.	134	15	
	9	47.59	2			10.00[8]			46.1	Mer.	196	39	[8] R. A. increased 2 min.
19326	7	46.71	2	20	17	9.33	37	53	5.0	Tr.	71	13	
	7	46.72	5			9.46			0.6[9]	Mu.	60	12	[9] Decl. changed five rev. south.
19327	9	46.73	2	20	17	13.61	39	28	. . . .	Tr.	78	6	
19328	10	46.72	4	20	17	16.81	25	41	2.7	Mer.	66	24	
19329	7.8	46.73	2	20	17	16.86	25	25	47.7	Mer.	68	39	
	8	46.74	2			16.91			47.5	Mu.	64	10	
	8	47.59	2			17.18			54.3	Mer.	196	40	
	9	47.68	1			17.23			51.6	Tr.	129	5	
	7	47.72	1			17.88			51.1[10]	Mu.	134	16	[10] Decl. changed one rev. south.
19330	9	51.67	5	20	17	17.27	18	57	59.0	Mer.	242	30	
	9	48.72	4			17.48			67.2	Mu.	205	36	
	6	51.68	5			17.56			58.6	Tr.	271	5	
	10	48.63	2			17.69			. . . .	Tr.	185	85	
	9	48.69	3			17.78			59.9	Tr.	193	4	
19331	8	47.80	2	20	17	17.68	14	3	10.2	Mer.	207	7	
19332	11	46.58	1	20	17	18.18	30	32	. . . .	Tr.	49	15	
19333	8	46.73	2	20	17	18.51	35	53	. . . .	Tr.	75	17	
	10	46.52	3			18.58			41.1	Tr.	41	49	
	9	46.66	2			19.30			. . . .	Tr.	61	3	
19334	7	46.61	2	20	17	19.85	29	33	24.8	Mer.	51	44	
	6	47.66	1			19.96			26.5	Tr.	126	50	
	7	47.71	2			19.99			23.5	Mer.	204	20	
	7	46.70	2			20.04			25.6	Mer.	58	3	
	7	47.48	4			20.04[11]			26.6	Tr.	125	67	[11] Minute assumed.
	8	46.71	4			20.08			25.4	Mer.	61	32	
	7	47.71	1			20.17			25.8	Mu.	132	55	
	5	46.63	2			20.29			. . . .	Tr.	59	27	
19335	8	46.58	4	20	17	20.75	31	9	35.9	Mu.	40	15	
	7	48.55	5			20.78			33.6	Mer.	134	117	
	8	47.70	3			20.99			32.8	Tr.	130	6	
19336	8	46.66	4	20	17	25.15	36	14	2.3	Mu.	49	42	
19337	9	46.58	3	20	17	26.44[12]	28	57	43.3	Mer.	48	38	[12] Two threads increased 10 sec. each.
	9	47.68	1			26.48			45.5	Tr.	128	27	
19338	8	46.52	2	20	17	26.72	27	6	33.8	Mer.	39	18	
	9.10	46.46	2			26.85			36.2	Mer.	28	100	
	9	46.71	2			26.97			. . . .	Tr.	70	38	
	10	47.71	2			27.56[13]			38.1	Tr.	133	4	[13] One of three threads rejected; R. A.=$26^{s}.62$.
19339	11	46.71	2	20	17	34.14	26	57	. . . .	Tr.	70	39	
19340	5	51.82	5	20	17	38.79	15	27	54.6	Mu.	282	5	
19341	9	48.62	3	20	17	43.43	19	38	. . . .	Tr.	183	44	
	8.9	48.60	2			43.49[14]			10.3	Mer.	137	75	[14] R. A. increased 1 min.
	8	48.63	4			43.50			15.1	Mer.	141	46	
	8	48.67	3			43.57			13.0	Mu.	201	38	
19342	9.10	48.63	3	20	17	46.08[15]	23	49	40.1	Tr.	186	39	[15] R. A. decreased one thread interval.
19343	9	48.69	1	20	17	47.45	18	51	11.2	Tr.	193	5	
	8	51.67	5			47.45			6.3	Mer.	242	31	
	9	48.72	3			47.56			7.7	Mu.	205	37	
	9	48.63	4			47.61			. . . .	Tr.	185	86	
	6	51.68	5			47.67			6.1	Tr.	271	6	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19344	8	47.80	1	20	17	55.16	14	2	12.3	Mer.	207	8	
19345	8	47.61	1	20	17	55.38	30	42	49.8	Mer.	198	7	
	10	47.71	2			55.49			48.1	Tr.	134	26	
	8	46.58	1			55.59[1]			....	Tr.	49	16	[1] R. A. increased one thread interval.
19346	9	48.72	4	20	17	59.06	17	51	47.8	Mer.	149	29	
19347	9	48.55	1	20	18	4.12	31	19	1.3	Mer.	134	118	
19348	9	48.56	2	20	18	6.84	21	17	37.8	Mu.	185	3	
	9.10	48.66	4			6.95[2]			36.0	Mer.	144	8	[2] R. A. increased 1 min.
	11	48.56	1			7.24			....	Tr.	180	34	
	9.10	48.55	3			7.39			38.9	Mer.	133	111	
19349	8.9	46.73	1	20	18	9.09	25	6	48.4	Mer.	68	40	
	8	47.72	1			9.13			45.4	Mu.	134	17	
	9	46.73	4			9.54			47.7	Mer.	69	39	
19350	10	48.63	1	20	18	11.19	23	2	32.8	Mu.	193	31	
	8	48.67	2			11.42			34.7	Mer.	148	70	
19351	9	48.67	2	20	18	11.44[3]	19	19	61.8	Mu.	201	39	[3] R. A. increased 1 min. Separate threads give $11^{s}.81$, $11^{s}.07$.
	9	48.63	2			11.95			58.9[4]	Mer.	141	47	[4] Decl. changed one rev. south.
19352	9	46.60	3	20	18	12.83	27	55	....[5]	Tr.	52	47	[5] Decl. changed one wire interval north.
	8.9	46.71	5			12.89			54.3	Mer.	63	54	
	9	47.70	1			12.93			56.5	Tr.	132	11	
19353	9	47.65	2	20	18	15.52[6]	28	59	17.3	Mer.	199	57	[6] R. A. decreased 10 sec. Separate threads give $15^{s}.86$, $15^{s}.18$.
19354	7.8	47.71	2	20	18	16.89	29	18	5.5	Mu.	132	56	
	7.6	47.66	1			16.93			6.3	Tr.	126	51	
	7	46.70	1			17.09			4.5	Mer.	58	4	
	6	46.63	2			17.09			....	Tr.	59	28	
	8	46.61	2			17.26			3.0	Mer.	51	45	
	7	47.71	2			17.32			2.4	Mer.	204	21	
	8	46.58	3			17.34			7.9	Mer.	48	39	
19355	9	46.66	2	20	18	18.98	35	52	....[7]	Tr.	61	4	[7] Decl. changed one wire interval south.
19356	8	47.45	1	20	18	19.63	27	26	50.5	Mu.	119	86	
	9	47.67	3			19.83			46.1	Tr.	127	4	
	8	46.52	2			19.94			48.4	Mer.	39	19	
	..	47.54	5			19.96[8]			47.4	Mer.	195	125	[8] R. A. increased 10 sec.
	9	46.52	2			20.15[9]			38.0	Mu.	30	11	[9] One of three threads rejected; R. A.=$21^{s}.36$.
19357	8	46.62	1	20	18	20.44	24	50	....	Tr.	57	67	
	8	46.73	4			20.58			24.5	Mer.	69	40	
	..	47.66	3			20.64			....	Mer.	104	36	
	9	48.67	5			20.69			26.2	Mu.	203	18	
	8	46.74	1			20.95[10]			25.7	Mu.	64	11	[10] R. A. decreased 1 min.
19358	9	48.60	1	20	18	23.16	20	1	62.6	Mer.	137	76	
	9	48.62	2			23.49			59.0	Mu.	189	33	
19359	10	48.67	2	20	18	24.63	20	20	20.4	Tr.	190	11	
	9	48.62	3			24.79			14.2	Tr.	184	77	
	9	48.67	2			25.32[11]			15.7	Mer.	146	44	[11] One of three threads rejected; R. A.=$24^{s}.44$.
19360	7	47.70	3	20	18	25.20	31	20	0.7	Tr.	130	7	
	6.7	46.58	3			25.31			0.4	Mu.	40	16	
	6	48.55	3			25.41			2.6	Mer.	134	119	
19361	9	47.80	1	20	18	25.55	14	10	5.3	Mer.	207	9	
19362	10	48.56	2	20	18	27.56	22	27	58.1	Mer.	135	2	
	10	48.55	2			28.07[12]			....	Tr.	179	4	[12] R. A. decreased one thread interval.
19363	8	46.71	1	20	18	32.56	26	41	....	Tr.	70	40	
	9	47.68	3			32.65			28.9	Mer.	105	16	
	9	47.71	3			32.68[13]			28.9	Mer.	107	24	[13] One of four threads rejected; R. A.=$31^{s}.86$.
19364	8	46.46	3	20	18	37.16	31	44	....	Tr.	30	123	
19365	9.10	47.66	2	20	18	40.00	26	3	55.4	Mu.	129	31	
19366	3	51.68	5	20	18	43.75	18	41	55.2	Tr.	271	7	
	6.7	48.72	2			43.76			57.4	Mu.	205	38	
	4	51.67	5			43.77			58.3[14]	Mer.	242	32	[14] Decl. changed one rev. north.
	2.3	48.63	2			43.77			....	Tr.	185	87	
	5	48.69	1			43.90			61.2	Tr.	193	6	
19367	9	46.58	2	20	18	45.82[15]	28	44	59.3	Mer.	48	40	[15] R. A. increased 10 sec.
	8	47.65	2			45.83[16]			59.8	Mer.	199	58	[16] R. A. decreased 10 sec.
	8.9	46.63	3			45.90			61.7	Mer.	55	42	
	8.9	47.68	5			46.03			61.4	Mu.	130	44	
	7	47.68	2			46.06			61.4	Tr.	128	28	
	8	46.63	4			46.11			62.3	Mu.	47	62	
19368	8.9	46.61	3	20	18	51.27	36	41	0.7	Tr.	56	35	
19369	8	47.48	2	20	18	52.36	29	51	47.3	Tr.	125	68	
	7	46.72	3			52.49			45.5	Mu.	58	18	
	7	46.73	5			52.56			44.9	Mu.	61	12	
	7	47.70	5			52.63			74.5[17]	Mu.	131	57	[17] If micrometer reading be assumed as 41.230 instead of 40.730 rev., as recorded, Decl.= 43″.0.
	8	47.71	3			52.96[18]			42.1	Mer.	203	6	
19370	8	47.80	1	20	18	52.83	14	1	54.9	Mer.	207	10	
19371	8	47.80	1	20	18	55.34	13	58	16.8	Mer.	207	11	[18] One of four threads rejected; R. A.=$51^{s}.94$.
19372	7	46.70	3	20	18	59.20[19]	34	53	59.5	Mu.	53	9	[19] R. A. increased 1 min.
19373	8	46.72	6	20	19	1.15	26	5	52.1	Mer.	66	25	
	7	47.66	1			1.20			52.4	Mer.	200	17	
	8	47.66	4			1.25			49.9	Mu.	129	30	
	8	46.52	7			1.30			50.7	Mer.	35	5	
	5.6	46.71	3			1.30			49.5	Mu.	56	36	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19374	8.9	46.72	5	20	19	6.56	37	19	57.3	Mu.	60	13	
19375	7	46.66	4	20	19	8.34[1]	36	5	8.0	Mu.	49	43	[1] One thread decreased 10 sec.; another decreased 20 sec.
19376	9	46.73	2	20	19	9.59	25	34	48.4	Mer.	68	41	
	11	47.68	2			9.63			53.7	Tr.	129	6	
	9	47.59	1			9.89[2]			48.5	Mer.	196	41	[2] R. A. decreased one thread interval.
19377	8	46.52	4	20	19	12.48	35	51	13.4	Tr.	41	50	
	8	46.73	2			12.54			....	Tr.	75	18	
	8	46.66	2			12.98			....	Tr.	61	5	
19378	9	48.62	2	20	19	15. . .[3]	24	17	3.2	Mer.	138	45	[3] Separate threads give $16^{s}.17$, $14^{s}.99$. CPD gives $15^{s}.9$.
19379	9	48.59	2	20	19	17.53	22	30	40.6	Mu.	187	10	
	9	48.56	2			17.75			41.3	Mer.	135	3	
	9	48.59	3			17.78			48.9	Mer.	136	4	
	9	48.67	2			17.81			41.3	Tr.	192	42	
	10	48.55	3			17.82			....	Tr.	179	5	
19380	9	48.55	2	20	19	17. . .[4]	23	30	14.8	Mu.	184	4	[4] Separate threads give $16^{s}.78$, $17^{s}.68$.
	7	48.67	3			17.79			12.6	Mer.	148	71	
	9	46.62	4			17.88[5]			15.3	Mu.	46	5	[5] R. A. increased 1 min.
	9	48.63	2			17.92			15.7	Mu.	193	32	
	8	48.63	2			18.06[6]			17.6	Tr.	186	40	[6] R. A. decreased one thread interval.
	9	48.66	2			18.34			11.5	Mu.	196	35	
19381	8	47.45	1	20	19	19.00	27	46	10.7	Mu.	119	87	
	8.9	46.71	6			19.16			6.9	Mer.	63	55	
	7	47.65	1			19.49			7.3	Mu.	128	83	
19382	9	48.60	2	20	19	21.66[7]	20	47	39.5	Mu.	188	57	[7] R. A. decreased 1 min.
	9	48.62	2			21.82			45.2	Tr.	184	78	
	9	48.67	1			21.91			31.9[8]	Tr.	190	12	[8] If micrometer reading be assumed as 6.23 instead of 6.3 rev., as recorded, Decl. = $42''.0$.
	9	48.67	1			21.96			41.4	Mer.	146	45	
19383	8	48.62	4	20	19	21.95[9]	24	13	12.7[10]	Mer.	138	46	[9] R. A. decreased 1 min.
19384	8	46.66	5	20	19	30.45	41	53	32.3	Mer.	56	36	[10] Decl. changed one rev. south.
19385	8	48.67	1	20	19	34.08	24	38	62.0	Mu.	203	20	
	6.7	46.74	3			34.19			57.6	Mu.	64	12	
	7	47.72	2			34.33			60.7	Mu.	134	18	
	7	46.73	5			34.34			59.9	Mer.	69	41	
	7	46.62	2			34.35			....	Tr.	57	68	
19386	8	46.46	1	20	19	34.35	33	37	51.3	Tr.	27	20	
	9	46.53	1			34.42			52.1	Mu.	36	70	
19387	8	48.67	1	20	19	38.66	20	51	7.4	Tr.	190	13	
	9	48.67	1			39.52			5.0	Mer.	146	46	
19388	10	48.55	2	20	19	46.17	21	4	11.4	Mer.	133	112	
	12	48.56	1			46.25			....	Tr.	180	35	
19389	12	48.60	3	20	19	47.68	21	37	....	Tr.	182	60	
	10	48.55	1			48.17			9.6	Mu.	182	97	
19390	9	46.72	2	20	19	49.52	34	36	....[11]	Tr.	73	6	[11] Decl. changed one wire interval south.
19391	6	48.62	3	20	19	50.20	24	28	23.8	Mer.	138	47	
	8.9	48.67	2			50.23			24.5	Mu.	203	19	
	6	46.62	2			50.33			....	Tr.	57	69	
19392	6	51.69	5	20	19	51.74	17	49	22.0	Tr.	272	13	
	10	48.72	1			51.77[12]			23.5	Mer.	149	30	[12] R. A. increased 1 min.
19393	10	47.71	2	20	19	53.38	26	39	22.2	Tr.	133	5	
19394	10	48.60	2	20	19	58.81	20	10	42.6	Mer.	137	77	
19395	9	46.66	2	20	20	2.98[13]	41	49	53.0	Mer.	56	37	[13] R. A. decreased two thread intervals.
19396	9	48.55	2	20	20	12.75	30	53	18.8	Mer.	134	120	
	8	46.58	2			13.08			....	Tr.	49	17	
	9	47.71	2			13.23			15.7	Tr.	134	27	
19397	7	51.69	5	20	20	14.45	16	59	38.7	Tr.	273	27	
19398	7	46.46	1	20	20	14.55	33	31	12.2	Tr.	27	21	
	9	46.53	1			15.48			11.9	Mu.	36	71	
19399	7	48.56	4	20	20	16.48[14]	21	23	40.2	Mu.	185	4	[14] R. A. decreased one thread interval.
	9	48.55	3			16.71			40.5	Mer.	133	113	
	8.9	48.66	2			17.11[15]			42.5	Mer.	144	9	[15] One of three threads rejected; R. A. = $16^{s}.37$.
19400	8	46.71	2	20	20	18.40	27	4	....	Tr.	70	41	
	10.9	46.46	4			18.52			3.8	Mer.	28	101	
19401	8.9	48.72	4	20	20	26.32[16]	17	55	38.1	Mer.	149	31	[16] R. A. increased 1 min.
19402	8	48.72	2	20	20	26.33	18	21	48.7[17]	Mu.	205	39	[17] Decl. changed two rev. south.
	8	48.63	1			26.60			....	Tr.	185	88	
19403	10	47.54	1	20	20	27.36	27	15	59.2	Mer.	195	126	
19404	8	47.65	2	20	20	29.13	28	27	0.5	Mer.	199	59	
	9	47.70	2			29.41			0.0	Tr.	132	12	
19405	8	47.48	1	20	20	30.86	29	31	5.9	Tr.	125	69	
	8.9	47.71	2			31.24			12.2	Mu.	132	57	
	7	46.63	3			31.33			....	Tr.	59	29	
	9	47.66	1			31.38			11.5	Tr.	126	52	
	8	47.71	4			31.49			9.3	Mer.	204	22	
19406	5	46.60	3	20	20	33.18	27	48	....	Tr.	52	48	
	8	46.52	3			33.44			24.7	Mer.	39	20	
	7	47.67	3			33.52			23.2[18]	Tr.	127	5	[18] Decl. changed one wire interval north.
	8.9	46.71	7			33.56			24.5	Mer.	63	56	
	7	47.65	2			33.68			25.1	Mu.	128	84	
	8	47.45	2			33.71			26.7	Mu.	119	88	
19407	9	51.82	5	20	20	37.31	15	33	11.6	Mu.	282	6	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19408	9	46.73	2	20	20	40.85	35	51	....	Tr.	75	19	
	9	46.66	3			41.34			....	Tr.	61	6	
19409	6	48.67	3	20	20	42.35	22	53	3.5	Mer.	148	72	
	6.7	48.67	2			42.59			9.1	Tr.	192	43	
	6	48.59	2			42.85			2.4[1]	Mu.	187	11	[1] Decl. changed five rev. north.
	8.9	48.56	2			42.92[2]			3.4	Mer.	135	4	[2] R. A. decreased one thread interval.
	8	48.59	2			43.05[3]			7.8	Mer.	136	5	[3] R. A. decreased one thread interval.
19410	8	47.66	2	20	20	46.76	25	56	12.9	Mer.	200	18	
	10	47.68	1			46.93			19.9[4]	Tr.	129	7	[4] Decl. changed seven wire intervals south.
	9	47.59	3			47.01			15.8	Mer.	196	42	
	9.10	46.72	3			47.18[5]			12.1	Mer.	66	26	[5] R. A. decreased 1 min.
	9	47.66	2			47.20			11.7[6]	Mu.	129	32	[6] Decl. changed five rev. north.
19411	6	48.67	1	20	20	47.23[7]	23	20	25.5	Mer.	148	73	[7] The last two threads recorded on this star assumed to belong to Mer. 148, No. 74.
	8	48.63	3			47.85			23.9	Mu.	193	33	
	6	46.62	2			47.94			24.6	Mu.	46	6	
19412	11	48.60	1	20	20	52.43	21	37	....[8]	Tr.	182	61	[8] Decl. changed one wire interval north.
	10	48.55	1			52.67			14.6	Mu.	182	98	
19413	10	46.72	2	20	20	53.24	26	16	34.1	Mer.	66	27	
19414	8	46.72	2	20	20	57.99	34	48	....[9]	Tr.	73	7	[9] Decl. changed two wire intervals south.
19415	10	46.71	1	20	21	0.22	38	13	45.6	Tr.	71	14	
19416	9	46.71	2	20	21	1.08	26	51	....	Tr.	70	42	
	10	47.71	5			1.31			28.7	Mer.	107	25	
19417	8	46.46	1	20	21	1.67	33	39	4.9	Tr.	27	22	
19418	8.9	48.63	2	20	21	5.85	23	41	53.4[10]	Tr.	186	41	[10] Decl. changed one wire interval north.
	10	48.66	1			6.03			59.0	Mu.	196	36	
19419	10	48.62	3	20	21	5.96	19	35	....	Tr.	183	45	
	10	48.67	1			6.37			9.3	Mu.	201	40	
	8	48.63	2			6.54			9.0	Mer.	141	48	
19420	9	46.46	3	20	21	12.59	32	9	....	Tr.	30	124	
19421	7	48.67	1	20	21	15.13	19	4	43.0	Mu.	201	42	
	8	48.69	2			16.00			45.0[11]	Tr.	193	7	[11] "Double; observed south preceding." Decl. changed one wire interval south.
	9	48.72	2			16.07[12]			43.5	Mu.	205	40	
	7	51.67	5			16.15			....	Mer.	242	34	[12] One thread decreased 10 sec.
	..	51.67	5			16.17			....	Mer.	242	35	
	6	48.63	2			16.21[13]			42.5	Mer.	141	49	[13] One of three threads rejected; R. A.=$17^{s}.03$.
	6	51.68	5			16.29			43.4	Tr.	271	9	
	..	51.67	5			16.36			44.0	Mer.	242	33	
19422	7	48.63	2	20	21	16.80	19	4	32.1	Mer.	141	50	
	..	51.67	5			17.40			....	Mer.	242	38	
	9	48.72	1			17.45[14]			32.0	Mu.	205	41	[14] One of two threads rejected, record doubtful; the other decreased 10 sec.
	6	51.68	5			17.50			33.4	Tr.	271	8	
	7	51.67	5			17.54			34.7	Mer.	242	37	
	6	48.67	1			17.65[15]			32.9	Mu.	201	41	[15] R. A. increased one thread interval.
	..	51.67	5			17.74			....	Mer.	242	36	
19423	10	48.55	1	20	21	18.72	21	45	10.0	Mu.	182	99	
19424	7	48.67	2	20	21	18.89[16]	23	0	4.1	Mer.	148	74	[16] The last two threads recorded on Mer. 148, No. 73, assumed to belong to this star.
19425	7.8	46.73	4	20	21	30.56	30	11	16.0	Mu.	61	13	
	7	46.72	3			30.72			17.3	Mu.	58	19	
	8	47.71	5			30.83			15.2	Mer.	203	7	
	7.8	47.70	3			30.86			17.3	Mu.	131	58	
	9	47.46	1			31.09			19.0	Tr.	122	91	
19426	9	51.69	5	20	21	33.08	17	23	15.3	Tr.	272	14	
19427	10	48.60	1	20	21	36.72[17]	20	14	45.4	Mer.	137	78	[17] R. A. increased two thread intervals.
19428	10	48.74	3	20	21	39.74	16	43	....	Tr.	196	11	
19429	10	48.67	2	20	21	40.45	20	46	39.4	Tr.	190	14	
	9	48.67	3			40.75			32.5	Mer.	146	47	
	9	48.62	3			40.77			37.6	Tr.	184	79	
19430	6.7	47.71	5	20	21	44.77	29	36	37.1[18]	Mu.	132	58	[18] Decl. changed five rev. north.
	6.7	46.73	2			44.83			36.1	Mu.	61	14	
	5	46.63	2			44.94			....	Tr.	59	30	
	7	47.48	2			45.05			37.9	Tr.	125	70	
	5	47.66	2			45.10			37.6	Tr.	126	53	
	7	46.61	3			45.15[19]			39.8	Mer.	51	46	[19] One of four threads rejected, R. A.=$44^{s}.31$.
	6	47.71	5			45.15[20]			38.6	Mer.	204	23	[20] R. A. increased 1 min.
	6	47.70	2			45.15			37.0	Mu.	131	59	
	7.8	46.70	5			45.17			37.6	Mer.	58	5	
19431	9	46.58	2	20	21	49...[21]	31	12	16.7	Mu.	40	17	[21] R. A. increased 1 min. Separate threads give $52^{s}.16$, $48^{s}.20$. GZ gives $49^{s}.1$.
	8	48.55	4			49.10			17.2	Mer.	134	121	
	10	47.70	3			49.18			16.0	Tr.	130	8	
19432	9	46.62	5	20	21	50.11	41	23	41.0	Mer.	53	7	
19433	9	48.67	2	20	21	52.08	20	25	6.8	Mer.	146	48	
19434	10	48.72	1	20	21	53.17	17	52	41.1	Mer.	149	32	
19435	8.9	46.52	2	20	21	54.52	27	28	23.6	Mer.	39	21	
19436	10	46.71	1	20	21	55.19	38	25	23.3	Tr.	71	15	
19437	8.9	48.66	3	20	21	58.31	21	12	27.9	Mer.	144	10	
	8	48.56	2			58.37			....	Tr.	180	36	
	7	48.56	2			58.48[22]			24.3	Mu.	185	5	[22] One thread decreased one thread interval.
	9	48.55	3			58.53			28.2	Mer.	133	114	
19438	9	51.69	5	20	21	58.38	16	46	12.6	Tr.	273	28	
19439	10	47.71	2	20	22	0.59	26	35	1.7	Tr.	133	6	
19440	8	46.66	3	20	22	4.76	36	1	....	Tr.	61	7	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19441	11	48.55	1	20	22	6.95	22	36	....	Tr.	179	7	
19442	9	47.65	2	20	22	7...[1]	28	55	27.1	Mer.	199	60	[1] Separate threads give $6^{s}.36$, $7^{s}.63$.
	9	47.68	2			8.03			24.8	Tr.	128	29	
	9	46.58	5			8.04			23.9	Mer.	48	41	
19443	10	48.60	1	20	22	8.41	19	56	48.3	Mer.	137	79	
19444	8	48.74	1	20	22	9.05	17	2	....	Tr.	196	12	
	6	52.55	5			9.48			49.4	Tr.	283	17	
	6	51.69	5			9.57			48.7	Tr.	273	29	
	10	48.73	4			9.62			53.4	Tr.	195	12	
19445	11	48.55	2	20	22	11.93	22	32	....	Tr.	179	6	
19446	9	46.62	3	20	22	15.47	24	7	....	Tr.	57	70	
	8	48.63	2			15.52			47.4	Tr.	186	42	
19447	10	46.73	2	20	22	17.23	39	31	....	Tr.	78	7	
19448	9	46.63	2	20	22	17.84	28	14	55.9	Mer.	55	43	
	8	46.60	3			18.04			....	Tr.	52	49	
	7	47.65	2			18.26			50.1	Mu.	128	85	
	6.7	47.70	2			18.37			54.7	Tr.	132	13	
	8	46.71	7			18.45			51.6	Mer.	63	57	
19449	9	46.73	2	20	22	19.84	25	31	31.1	Mer.	68	42	
19450	8	46.70	2	20	22	21.94	34	59	47.2	Mu.	53	10	
19451	11	48.62	4	20	22	23.35	19	37	....	Tr.	183	46	
	9	48.67	1			23.85[2]			25.6	Mu.	201	43	[2] R. A. increased one thread interval.
19452	10	47.59	3	20	22	29.07	25	31	37.8	Mer.	196	43	
	9	47.68	2			29.13			22.0[3]	Tr.	129	8	[3] If micrometer reading be assumed as 2.30 instead of 2.00 rev., as recorded, Decl. = 37″.2.
	9	46.73	3			29.60			39.4	Mer.	68	43	
	9.10	46.72	1			29.65			40.5	Mer.	66	28	
19453	10	47.68	1	20	22	37.36	28	45	29.7	Tr.	128	30	
19454	7.8	46.63	4	20	22	38.07	28	34	22.6	Mu.	47	63	
	8.9	47.68	3			38.23			22.4	Mu.	130	45	
	9	47.68	1			38.38			23.1	Tr.	128	31	
	6.7	47.65	1			38.42			25.7	Mu.	128	86	
	8	47.65	3			38.48			24.2[4]	Mer.	199	61	[4] Decl. changed one wire interval north.
19455	4	51.82	5	20	22	39.72	15	33	13.1	Mu.	282	7	
19456	9	46.58	2	20	22	39.73	30	40	....[5]	Tr.	49	18	[5] Decl. changed one rev. north.
	10	47.71	2			39.81			12.4	Tr.	134	28	
19457	7	51.69	5	20	22	40.02	16	56	26.2	Tr.	273	30	
19458	10	48.67	1	20	22	40.80	20	17	56.0	Tr.	190	15	
	9	48.67	1			40.86			50.9	Mer.	146	49	
	9	48.62	3			41.45			59.6	Tr.	184	80	
19459	9	46.72	2	20	22	43.11	37	20	19.2	Mu.	60	14	
19460	6	51.69	5	20	22	49.00	17	38	22.1	Tr.	272	15	
	7	51.68	5			49.01			20.6	Mer.	243	1	
19461	6	48.67	..	20	22	49...[6]	23	13	37.8	Mer.	148	76	[6] "Same R. A. as Mer. 148, No. 75."
	9	48.63	2			49.93			37.4	Mu.	193	34	
19462	10	48.63	2	20	22	49.96	18	35	....	Tr.	185	89	
	6	51.68	5			50.36			1.2	Tr.	271	10	
	9	48.69	2			50.44[7]			7.2	Tr.	193	8	[7] R. A. decreased 1 min.
	9	48.72	2			50.68			6.9[8]	Mu.	205	42	[8] Decl. changed one rev. north.
19463	8	48.67	2	20	22	50.76	23	0	16.8	Mer.	148	75	
19464	9	46.72	2	20	22	55.01[9]	43	49	40.0	Mer.	67	10	[9] One of three threads rejected, R. A. = $54^{s}.22$.
19465	9	46.53	2	20	22	56...[10]	33	32	10.4	Mu.	36	72	[10] Separate threads give $56^{s}.69$, $57^{s}.93$.
	8	46.46	1			56.65			8.7	Tr.	27	23	
19466	9	48.55	2	20	23	3.41	31	16	57.2	Mer.	134	122	
19467	9	46.73	2	20	23	5...[11]	24	33	46.3	Mer.	69	42	[11] Separate threads give $4^{s}.49$, $5^{s}.57$. CPD gives $4^{s}.9$.
19468	9	46.61	2	20	23	6.65	36	43	51.7	Tr.	56	36	
19469	6	46.63	2	20	23	12.11	29	6	....	Tr.	59	31	
	8.9	47.71	1			12.41			26.2	Mu.	132	59	
	8	47.71	2			12.48[12]			17.4	Mer.	204	24	[12] One of three threads rejected; R. A. = $11^{s}.51$.
	9	46.58	6			12.51			14.3	Mer.	48	42	
	9	46.70	3			12.54			16.7	Mer.	58	6	
	9	47.66	1			12.58			14.7	Tr.	126	54	
19470	9	51.68	5	20	23	16.11	18	38	27.4	Tr.	271	11	
19471	8	51.82	5	20	23	17.22	15	30	5.3	Mu.	282	8	
19472	9	48.63	2	20	23	18.42	23	39	39.7	Tr.	186	43	
19473	7.8	46.66	3	20	23	20.32	42	1	15.7	Mer.	56	38	
	7.8	46.69	4			20.67[13]			16.2	Mer.	57	30	[13] One of five threads rejected; R. A. = $19^{s}.91$.
19474	8	46.73	3	20	23	21.35	24	34	9.3	Mer.	69	43	
19475	7	47.72	1	20	23	22.17	25	22	21.9	Mu.	134	19	
	7	46.74	1			22.65			22.1	Mu.	64	13	
	8	47.59	2			22.81[14]			23.7	Mer.	196	44	[14] Separate threads give $23^{s}.19$, $22^{s}.43$.
	7	46.73	2			22.82			20.0	Mer.	68	44	
19476	8	46.46	3	20	23	23.55	31	53	....	Tr.	30	125	
19477	8	48.55	1	20	23	24.31	31	6	53.6	Mer.	134	123	
	11	47.70	3			24.68			52.5	Tr.	130	9	
19478	9	48.59	3	20	23	25.78[15]	22	39	24.8	Mer.	136	6	[15] R. A. decreased 1 min.
	10	48.55	2			26.03			....	Tr.	179	8	
	9	48.67	2			26.14			26.5	Tr.	192	44	
	9	48.59	1			26.31			27.6[16]	Mu.	187	12	[16] Decl. changed ten rev. north.
	9	48.56	2			26.85[17]			23.8	Mer.	135	5	[17] One of three threads rejected; R. A. = $26^{s}.04$.
19479	9	47.71	2	20	23	27.71	30	27	28.7	Tr.	134	29	
19480	9	48.67	2	20	23	28.35	22	39	52.7	Tr.	192	45	
	9	48.59	1			28.35			53.5[18]	Mu.	187	13	[18] Decl changed ten rev. north.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19481	8.9	46.66	1	20	23	29.40	41	26	20.2	Mer.	56	39	
19482	8	46.66	5	20	23	31.21	36	22	40.5	Mu.	49	44	
19483	4	46.63	2	20	23	32.47	29	5	....	Tr.	59	32	
	7	47.71	4			32.55			55.8	Mer.	204	25	
	8.9	47.68	2			32.55			52.5	Mu.	130	46	
	7	47.68	1			32.64			58.8[1]	Tr.	128	32	[1] Decl. changed one wire interval south.
	7.8	47.65	1			32.70			51.8	Mer.	199	62	
	7	46.61	4			32.78			50.7	Mer.	51	47	
	7	47.71	2			32.79[2]			51.9	Mu.	132	60	[2] One of three threads rejected; R. A. $=31^{s}.89$.
	7	46.70	2			32.80			56.0	Mer.	58	7	
	7	47.66	1			32.89			54.0	Tr.	126	55	
	8.9	46.63	2			32.90			52.7	Mu.	47	64	
	8	46.58	6			33.05			53.7	Mer.	48	43	
19484	9	47.66	1	20	23	33.85	26	20	50.0	Mu.	129	33	
	9	47.68	4			34.11			49.4	Mer.	105	17	
	9	46.71	1			34.58			50.1	Mu	56	37	
19485	10	48.67	1	20	23	34.32	24	28	8.9	Mu.	203	21	
	9	46.62	3			34.92			....	Tr.	57	71	
19486	10	48.60	1	20	23	43.60	19	46	43.5	Mer.	137	80	
19487	7	46.70	5	20	23	47.63	41	3	41.8	Mer.	59	24	
	9	46.62	5			47.73			41.5	Mer.	53	8	
19488	9	48.67	1	20	23	53.67	20	28	11.0	Tr.	190	16	
	9	48.67	1			54.75			9.6	Mer.	146	50	
19489	6	47.72	1	20	23	55.67	25	26	47.4	Mu.	134	20	
	7	46.73	3			56.02			46.0	Mer.	68	45	
	6	47.68	3			56.11			50.2	Tr.	129	9	
	6.7	46.74	2			56.24			43.7	Mu.	64	14	
	7	47.59	2			56.32[3]			49.1	Mer.	196	45	[3] One of three threads rejected; R. A. $=54^{s}.98$.
19490	6	51.68	5	20	24	1.03	17	6	47.0	Mer.	243	2	
	6	52.55	5			1.43			44.4	Tr.	283	18	
	6	51.69	5			1.51			45.7	Tr.	273	31	
	8	48.73	3			1.61			44.6	Tr.	195	13	
	9	48.74	3			1.69			....	Tr.	196	13	
19491	7.8	46.72	5	20	24	2.49	43	57	2.3	Mer.	67	11	
	3	46.80	5			2.60			0.3	Mer.	77	1	
19492	10	48.60	2	20	24	6.67	20	34	21.2	Mu.	188	58	
	9	48.62	2			6.77			18.4	Tr.	184	81	
19493	8	46.58	2	20	24	22.54	30	41	....	Tr.	49	19	
	8	47.46	4			22.69			19.0	Mu.	121	10	
	6	47.71	2			22.74			18.0	Tr.	134	30	
19494	10	48.60	1	20	24	25.21	19	48	43.9	Mer.	137	81	
	10	48.62	2			25.76[4]			....	Tr.	183	47	[4] One of three threads rejected; R. A. $=24^{s}.90$.
19495	10	46.52	2	20	24	33.21	26	19	58.4	Mer.	35	6	
19496	8	47.71	2	20	24	36. . .[5]	29	47	59.4	Mer.	204	26	[5] Separate threads give $36^{s}.94$, $37^{s}.98$.
	5	46.63	1			36.66			....	Tr.	59	33	
	7	47.48	4			37.24			59.8	Tr.	125	71	
	7	47.71	2			37.29			57.8	Mu.	132	61	
	7.8	46.70	2			37.33[6]			59.3	Mer.	58	8	[6] R. A. decreased 10 sec. and increased 1 min.
	7.8	46.61	4			37.33			58.1	Mer.	51	48	
	8	47.71	7			37.55			58.9	Mer.	203	8	
	7	47.70	4			37.59			56.5	Mu.	131	60	
	7.8	47.46	2			37.64[7]			56.5	Tr.	122	92	[7] One thread increased 30 sec.
	7	46.73	5			37.58			56.0	Mu.	61	15	
19497	7	51.69	5	20	24	39.08	17	28	44.4	Tr.	272	16	
19498	9	48.66	3	20	24	42.87	21	24	11.6	Mer.	144	11	
	11	48.56	3			43. . .[8]			....	Tr.	180	37	[8] Separate threads give $41^{s}.91$, $43^{s}.16$, $43^{s}.89$.
	10	48.55	2			43.27			3.4[9]	Mer.	133	115	[9] Decl. changed two wire intervals south.
	10	48.56	1			43.94[10]			10.1	Mu.	185	6	[10] R. A. decreased 1 min.
19499	9	48.67	2	20	24	44.60	22	44	9.2	Tr.	192	46	
	9	48.56	1			44.70			5.0	Mer.	135	6	
	9	48.55	2			44.76			....	Tr.	179	9	
	8	48.59	1			44.92			8.4	Mu.	187	14	
	9	48.59	3			45.09			8.4	Mer.	136	7	
19500	10	47.67	2	20	24	48.42	27	40	23.2	Tr.	127	6	
	9	46.71	3			48.64			28.6	Mer.	63	58	
	9	46.52	3			49.04[11]			29.4	Mer.	39	22	[11] Minute assumed.
19501	8.9	46.69	5	20	24	49.02	42	29	38.6	Mer.	57	31	
19502	10	46.71	2	20	24	53.96	27	10	....	Tr.	70	43	
	10	47.71	4			54.03[12]			40.3	Mer.	107	26	[12] R. A. decreased 1 min.
19503	9	46.71	3	20	24	54.81	27	36	23.3	Mer.	63	59	
19504	8	47.72	1	20	24	54.95	25	9	56.4	Mu.	134	21	
	9	46.73	7			55.11			60.1	Mer.	69	44	
	8	46.74	1			55.22			60.9	Mu.	64	15	
19505	8	51.82	5	20	24	56.16	15	43	27.0	Mu.	282	9	
19506	9	47.71	1	20	24	57.56[13]	29	37	24.9	Mer.	204	27	[13] R. A. decreased one thread interval.
19507	9	48.55	1	20	24	59.39	31	5	48.1	Mer.	134	124	
19508	11	48.69	2	20	25	2.86	18	54	11.0	Tr.	193	9	
19509	9	47.70	2	20	25	8.14	28	10	40.0	Mer.	202	1	
	11	46.60	1			8.52			....	Tr.	52	50	
19510	9	46.72	2	20	25	8.52	34	38	....[14]	Tr.	73	8	[14] Decl. changed two wire intervals south.
19511	7	46.73	4	20	25	8.60	38	35	53.9	Mu.	62	13	
	7.8	46.71	5			8.73			50.4	Mu.	57	1	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19512	8	46.71	1	20	25	12.02	26	43	....	Tr.	70	44	
19513	8	46.70	2	20	25	12.33	34	48	10.3	Mu.	53	11	
19514	9	48.56	1	20	25	12.54[1]	21	2	45.8	Mu.	185	7	[1] R. A. decreased 1 min.
	8	48.62	2			12.64[2]			47.7	Tr.	184	82	[2] One of three threads rejected; R. A. = $13^{s}.63$.
	9	48.66	3			12.87			40.2	Mer.	144	12	
19515	10	46.72	3	20	25	15.91	25	32	52.3	Mer.	66	29	
19516	8	46.62	3	20	25	17.43	23	45	26.6	Mu.	46	7	
	9	48.55	4			17.42			25.7	Mu.	184	6	
	8	48.63	3			17.50			28.6	Tr.	186	44	
19517	8	46.72	2	20	25	17.83	34	25	....	Tr.	73	9	
19518	10	51.68	5	20	25	22.06	18	56	1.5	Tr.	271	12	
19519	9	48.55	3	20	25	28.62	31	15	26.0	Mer.	134	125	
	10	47.70	2			29.11			27.8	Tr.	130	10	
19520	8	46.73	2	20	25	28.84	35	14	....	Tr.	75	20	
	8	46.70	1			29.09			22.3	Mu.	53	12	
19521	9	46.72	5	20	25	29.62	43	55	27.2	Mer.	67	12	
	6	46.80	3			29.77[3]			34.1	Mer.	77	2	[3] R. A. increased 5 min.
19522	5.6	47.71	2	20	25	31.49	30	58	52.4	Tr.	134	31	
	7	47.46	4			31.66			51.9	Mu.	121	11	
	6.7	46.58	5			31.68			53.3	Mu.	40	18	
	..	47.61	4			31.80			54.8[4]	Mer.	198	8	[4] Decl. changed one wire interval south and one rev. north.
19523	10	48.60	1	20	25	32.60	19	47	50.0	Mer.	137	82	
	9	48.63	1			32.70[5]			42.4	Mer.	141	51	[5] R. A. increased 1 min.
	10	48.67	1			32.79			47.0	Mu.	201	44	
	9	48.49	1			32.84			....	Tr.	169	123	
	9	48.62	1			32.96			43.2	Mu.	189	34	
19524	10	48.56	1	20	25	36.69	22	41	54.4	Mer.	135	7	
19525	8	47.67	2	20	25	41.17	27	44	21.5[6]	Tr.	127	7	[6] Decl. changed one rev. north.
	8	46.71	4			41.26			22.0	Mer.	63	60	
	8	46.52	3			41.32			21.4	Mu.	30	12	
	7	47.45	3			41.33			21.9	Mu.	119	89	
	8	46.52	3			41.46			24.7	Mer.	39	23	
	6	47.65	1			41.50			21.5	Mu.	128	87	
	9	47.54	2			41.63[7]			22.9	Mer.	195	127	[7] One of three threads rejected; R. A. = $40^{s}.76$.
19526	7	51.69	5	20	25	42.36	17	46	27.2	Tr.	272	17	
19527	10	47.68	2	20	25	45. ..[8]	29	6	6.4	Mu.	130	47	[8] Separate threads give $45^{s}.31$, $46^{s}.12$.
	8	47.68	1			45.27			6.5	Tr.	128	33	
	9	47.65	1			45.34			5.0	Mer.	199	63	
	10	47.66	1			45.37			2.9	Tr.	126	56	
	9	46.58	5			45.42			3.9	Mer.	48	44	
	8.9	47.71	1			45.70			4.5	Mu.	132	62	
19528	8	48.62	2	20	25	49.78	19	54	19.0	Mu.	189	35	
	9	48.60	1			49.89			24.9	Mer.	137	83	
19529	10	47.59	2	20	25	50.83	25	44	16.7	Mer.	196	46	
19530	11	48.67	1	20	25	50.93	20	38	5.6	Tr.	190	17	
19531	8	46.58	2	20	25	54.11	30	30	....	Tr.	49	20	
19532	9.10	46.77	4	20	25	55.34	40	11	38.7	Mer.	73	1	
19533	7	51.82	5	20	26	2.48	15	23	18.1	Mu.	282	10	
19534	8	51.69	5	20	26	4.41	17	25	29.4	Tr.	272	18	
19535	7	46.72	1	20	26	9.57	34	38	....	Tr.	73	10	
	9	46.70	1			9.62			22.6	Mu.	53	13	
19536	9	46.72	2	20	26	12.83	25	59	31.8	Mer.	66	30	
	9	47.66	4			12.94			30.9	Mu.	129	34	
	9	47.68	4			13.09			32.8	Mer.	105	18	
	10	47.68	1			13.13			36.0	Tr.	129	10	
19537	11	48.63	1	20	26	16.12	23	6	7.3	Mu.	193	35	
19538	10	47.59	1	20	26	20.99	25	39	29.3	Mer.	196	47	
19539	9	46.58	2	20	26	21. ..[9]	31	8	39.1	Mu.	40	19	[9] Separate threads give $20^{s}.43$, $21^{s}.42$.
	8	48.55	3			21.07			41.9	Mer.	134	126	
	9	47.70	2			21.22			38.0[10]	Tr.	130	11	[10] Reduced for 3.30 instead 3.3 rev., as recorded.
19540	8.9	47.65	1	20	26	23.90	27	51	54.3	Mu.	128	88	
	9	47.70	1			24.30			47.9	Tr.	132	14	
19541	9	48.67	1	20	26	23.91	20	39	35.7	Mer.	146	51	
	9	48.62	2			24.33			38.9	Tr.	184	83	
	10	48.67	2			24.34			38.5	Tr.	190	18	
19542	8	47.65	1	20	26	26.86	28	29	39.4	Mer.	199	64	
	8	47.70	3			26.92			38.1	Mer.	202	2	
	9	46.60	2			27.04			....	Tr.	52	51	
19543	9	51.69	5	20	26	30.33	16	49	13.8	Tr.	273	32	
19544	9	51.69	5	20	26	35.93	16	53	24.7	Tr.	273	33	
19545	9	46.62	1	20	26	37.30	24	2	53.2[11]	Mu.	46	8	[11] Decl. changed five rev. south.
	9	48.67	4			37.62			50.1	Mu.	203	22	
	8	48.63	2			37.68			48.3	Tr.	186	45	
	9	48.55	2			37.72			49.9	Mu.	184	7	
19546	11	48.69	2	20	26	40.41	18	46	52.3	Tr.	193	10	
19547	10	47.71	1	20	26	40.43	31	3	46.8	Tr.	134	32	
	8	48.55	2			40.51			38.6	Mer.	134	127	
	8	47.70	1			40.72			40.1	Tr.	130	12	
	9	47.61	1			40.78			40.8[12]	Mer.	198	9	[12] Decl. changed five rev. north.
	8	46.58	2			40.96			....	Tr.	49	21	
	9	46.58	2			41.01			39.1	Mu.	40	20	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19548	10	48.67	1	20	26	42.59	24	24	30.7	Mu.	203	23	
	10	46.62	2			42.69			....	Tr.	57	72	
	10	48.62	3			43.04[1]			27.4	Mer.	138	48	[1] R. A. decreased one thread interval.
19549	10	48.55	2	20	26	42.98	21	7	42.2[2]	Mer.	133	116	[2] Decl. changed one wire interval north.
19550	8	47.54	2	20	26	51.33[3]	27	17	15.2	Mer.	195	128	[3] One of three threads rejected; R. A.=$52^{s}.10$.
	7	47.45	3			51.37			13.6	Mu.	119	90	
	7	46.52	3			51.53			12.5	Mu.	30	13	
	8	47.71	5			51.55[4]			14.3	Mer.	107	27	[4] R. A. increased 1 min.
	6	47.71	3			51.58			16.7	Tr.	133	7	
	8	46.52	2			51.65			15.6[5]	Mer.	39	24	[5] Decl. changed ten rev. south.
	7	46.46	6			51.81			13.1	Mer.	28	102	
19551	8	51.68	5	20	26	51.69	18	17	52.4[6]	Mu.	278	1	[6] Decl. changed one rev. north.
	6	51.67	5			51.71			....	Tr.	270	15	
	9	48.72	3			51.83			54.6	Mer.	149	33	
19552	7	47.72	2	20	26	55.13	24	53	10.1	Mu.	134	22	
	7	46.74	3			55.17			8.9	Mu.	64	16	
	7.8	46.73	5			55.38			9.2	Mer.	69	45	
19553	8	48.63	2	20	26	59.33	24	2	48.0	Tr.	186	46	
19554	7	48.74	3	20	27	2.53	17	2	....	Tr.	196	14	
	6	52.55	5			2.55			16.7	Tr.	283	19	
	4	51.69	5			2.56			13.7	Tr.	273	34	
	7	48.73	4			2.57			19.1	Tr.	195	14	
	8.9	48.79	3			2.73			....[7]	Mer.	153	1	[7] Decl. changed one rev. north.
19555	9	48.67	2	20	27	5.62	19	35	52.8	Mu.	201	45	
	9	48.62	5			6.27			....	Tr.	183	48	
	9	48.63	2			6.48[8]			53.0	Mer.	141	52	[8] One of three threads rejected; R. A.=$5^{s}.57$.
19556	10	51.67	5	20	27	7..[9]	18	49	39.2	Mer.	242	39[10]	[9] Separate threads give $8^{s}.74$, $7^{s}.34$, $6^{s}.97$, $6^{s}.63$, $5^{s}.83$.
19557	8	51.68	5	20	27	8.68	17	44	24.0	Mer.	243	3	
	7	51.69	5			8.70			27.5	Tr.	272	19	[10] "Faint." Unidentified. Looked for with equatorial but not found. No star at this declination found within $1^{m}\ 30^{s}$ preceding or 30^{s} following.
19558	9	46.71	1	20	27	12.57	37	54	7.5	Tr.	71	16	
	7.8	46.72	1			12.81			8.7	Mu.	60	16	
19559	9	46.58	4	20	27	12.76	28	59	57.2	Mer.	48	45	
19560	8.9	46.72	3	20	27	15.45	43	33	25.3	Mer.	67	13	
19561	9.10	46.77	1	20	27	16.94	40	26	26.6	Mer.	73	2	
19562	10	48.56	2	20	27	19.42	22	34	26.4[11]	Mer.	135	8	[11] Decl. changed one wire interval north.
	11	48.55	2			19.66			....	Tr.	179	10	
19563	11	48.63	2	20	27	21.81	18	28	....	Tr.	185	90	
19564	6.7	46.80	3	20	27	28.58	44	0	45.5	Mer.	77	3	
	9	46.72	3			28.82			50.0	Mer.	67	14	
19565	8	46.71	2	20	27	30.03	27	3	....	Tr.	70	45	
	8	46.71	2			30.32			....	Tr.	70	46	
19566	12	46.73	2	20	27	34.30	35	46	....	Tr.	75	21	
19567	10	48.63	2	20	27	35.67	23	13	28.9	Mu.	193	36	
	8	48.67	3			35.86			32.9	Mer.	148	77	
19568	10	48.56	2	20	27	37.98	21	29	....	Tr.	180	38	
	10	48.56	1			38.42			32.8	Mu.	185	8	
19569	9	46.62	2	20	27	40.93	24	42	....	Tr.	57	73	
	9	46.73	4			40.94			31.3	Mer.	69	46	
19570	7.8	46.66	7	20	27	42.91	41	44	33.4	Mer.	56	40	
	8	46.62	3			43.14[12]			33.4	Mer.	53	9	[12] R. A. increased 1 min.
19571	8	51.68	5	20	27	44.84	17	31	57.6	Mer.	243	4	
19572	9	48.66	2	20	27	44.85	21	5	57.4	Mer.	144	13	
	7	48.56	1			45.01			59.9	Mu.	185	9	
	9	48.56	1			45.11[13]			....	Tr.	180	39	[13] R. A. decreased one thread interval.
	10	48.55	2			45.27			58.4	Mer.	133	117	
19573	9	46.70	1	20	27	47.94	34	40	25.3	Mu.	53	14	
	8	46.72	2			48.21			....	Tr.	73	11	
19574	10	46.46	2	20	27	51.40	31	44	....	Tr.	30	126	
19575	7	51.82	5	20	27	53.26	15	49	24.8	Mu.	282	11	
19576	8	47.66	3	20	27	53.48	26	9	4.9	Mu.	129	35	
	8	47.72	7			53.48[14]			3.9	Mer.	205	1	[14] R. A. increased 1 min.
	9	46.71	2			53.54			3.5	Mu.	56	38	
	8.9	46.72	3			53.67			4.7	Mer.	66	31	
	8	47.68	4			53.79			5.6	Mer.	105	19	
	9	46.52	6			53.81[15]			4.2	Mer.	35	7	[15] R. A. increased 1 min.
19577	10	47.54	2	20	27	59.35	27	31	31.6	Mer.	195	129	
19578	9	48.62	2	20	28	4.07	20	20	40.5	Tr.	184	84	
	9	48.67	2			4.09			39.1	Mer.	146	52	
	10	48.67	2			4.12[16]			40.8	Tr.	190	19	[16] Threads recorded on Tr. 190, No. 20, reduced as belonging to this star.
	9	48.60	1			4.41			39.6	Mer.	137	84	
	10	48.49	2			4.74			....[17]	Tr.	169	124	[17] Decl. changed one wire interval south and one rev. north.
19579	8	47.71	2	20	28	7..[18]	29	13	42.6	Mer.	204	28	
	7	46.63	2			7.19			....	Tr.	59	34	[18] Separate threads give $7^{s}.37$, $6^{s}.31$.
	8	47.63	2			7.19			43.4	Tr.	126	57	
	7	47.71	5			7.22			42.8	Mu.	132	63	
	8.9	46.61	4			7.29			40.3	Mer.	51	49	
	8	46.58	5			7.31			41.4	Mer.	48	46	
	8	46.70	5			7.31			41.8	Mer.	58	9	
19580	9	46.66	2	20	28	11.38	36	34	58.3[19]	Mu.	49	45	[19] Decl. changed one rev. north.
19581	9	51.69	5	20	28	11.77	17	22	57.7	Tr.	272	20	
19582	11	48.63	1	20	28	17.57	18	34	....	Tr.	185	91	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19583	9.10	48.66	3	20	28	18.53	21	4	49.5	Mer.	144	14	
19584	8	48.55	1	20	28	18.62	31	32	37.2[1]	Mer.	134	128	[1] Decl. changed one wire interval north.
19585	9	48.62	4	20	28	25.10	24	9	45.5	Mer.	138	49	
19586	8	46.53	4	20	28	27.42	33	57	35.7	Mu.	36	73	
19587	8	46.63	2	20	28	38.87	29	20	....	Tr.	59	35	
19588	8	46.46	2	20	28	40.90	31	53	....	Tr.	30	127	
19589	10	48.67	1	20	28	43.33[2]	20	21	61.0	Tr.	190	20	[2] Threads recorded on this star reduced as belonging to Tr. 190, No. 19. Thread V of Tr. 190, No. 21, reduced as belonging to this star.
	10	48.60	1			43.66			59.0	Mu.	188	59	
	9	48.67	2			43.79			59.4	Mer.	146	53	
	9	48.60	2			43.82			54.4	Mer.	137	85	
	10	48.62	1			43.90			60.7	Mu.	189	36	
	9	48.62	1			44.06			61.2	Tr.	184	85	
19590	10	47.71	3	20	28	47.09	26	56	49.2	Mer.	107	28	
	9	46.71	2			47.32			....	Tr.	70	47	
	10	47.71	2			47.55			41.8	Tr.	133	8	
19591	7.8	47.72	2	20	28	47.16	24	53	22.6	Mu.	134	23	
	8.9	46.73	4			47.35			22.6[3]	Mer.	69	47	[3] Decl. changed one rev. north.
	8	46.74	2			47.38			26.5	Mu.	64	17	
19592	10	47.65	1	20	28	49.81	29	2	21.2[4]	Mer.	199	65	[4] Decl. changed one wire interval south.
19593	9	51.69	5	20	28	50.26	17	23	36.0	Tr.	272	21	
19594	9	51.68	5	20	28	51.34	18	17	47.6	Mu.	278	2	
	9	48.72	4			51.46[5]			55.5	Mer.	149	34	[5] R. A. decreased 10 sec.
19595	10	48.60	2	20	28	52.67[6]	21	51	....	Tr.	182	62	[6] R. A. decreased 1 min.
	8	48.55	2			53.19			11.2	Mu.	182	100	
19596	6	48.55	3	20	28	52.85	31	29	48.9	Mer.	134	129	
19597	9	46.73	2	20	28	52.87[7]	35	49	....	Tr.	75	22	[7] R. A. decreased 10 sec.
	9	46.66	3			53.04			....	Tr.	61	8	
19598	7.8	47.46	2	20	28	53.99	31	4	38.2	Mu.	121	12	
	8	47.61	3			54.05			37.7	Mer.	198	10	
	8	47.71	2			54.06			43.4	Tr.	134	33	
	9	47.70	2			54.15			35.9	Tr.	130	13	
	8.9	46.58	3			54.24[8]			36.3	Mu.	40	21	[8] R. A. increased 1 min.
	8	46.58	1			54.30			....	Tr.	49	22	
19599	10	48.74	3	20	28	54.27	16	32	....	Tr.	196	15	
	11	48.73	2			54.54			51.8	Tr.	195	15	
19600	6	47.59	3	20	28	55.62	25	37	34.4[9]	Mer.	196	48	[9] Decl. changed one rev. north.
	7.8	46.72	4			55.85			36.7	Mer.	66	32	
	6	47.68	3			55.95			37.3	Tr.	129	11	
	7	46.73	3			56.02			38.7	Mer.	68	46	
19601	5	51.82	5	20	28	56.11	15	39	45.0	Mu.	282	12	
19602	9	48.56	3	20	28	56.39	22	57	41.6	Mer.	135	9	
	8	48.63	3			56.59			40.3	Mu.	193	37	
	8	48.59	4			56.74			41.4	Mer.	136	8	
	7	48.67	3			56.84			41.9[10]	Mer.	148	78	[10] Decl. changed one rev. south.
19603	8	47.70	2	20	28	58.93	28	19	16.9	Mer.	202	3	
	11	46.60	1			59.16			....	Tr.	52	52	
	8.9	47.65	1			59.28			16.0	Mu.	128	89	
	9	46.71	5			59.35			20.4	Mer.	63	61	
	9	47.70	1			59.62			13.8	Tr.	132	15	
19604	7	46.58	1	20	29	1.14[11]	31	28	11.5	Mu.	40	22	[11] R. A. increased 1 min.
	6	48.55	3			1.23			10.8	Mer.	134	130	
19605	7	46.74	2	20	29	11.57	24	44	48.0	Mu.	64	18	
	8	48.67	5			11.63			48.7	Mu.	203	24	
	7.8	46.73	5			11.69			51.6	Mer.	69	48	
	7.6	47.72	2			11.76			49.1	Mu.	134	24	
	4	48.62	1			12.10			47.5	Mer.	138	50	
19606	10	48.55	2	20	29	11.65[12]	22	16	....	Tr.	179	11	[12] One of three threads rejected; R. A.=$12^s.51$.
19607	9.10	46.73	1	20	29	12.91	25	41	55.5[13]	Mer.	68	47	[13] Decl. changed ten rev. north.
19608	10	48.67	1	20	29	13.04	19	17	44.2	Mu.	201	46	
	8	48.63	2			13.34			42.9	Mer.	141	53	
	11	48.62	2			13.66			....	Tr.	183	49	
19609	7	51.68	5	20	29	18.49	17	38	24.8	Mer.	243	5	
	5	51.69	5			18.57			27.7	Tr.	272	22	
19610	8	46.72	2	20	29	19.97[14]	34	11	....	Tr.	73	12	[14] R. A. increased one thread interval.
	7.8	46.53	3			20.03			52.6	Mu.	36	74	
19611	10	46.61	1	20	29	27.05	36	52	33.1	Tr.	56	37	
19612	7	46.66	3	20	29	33.54	35	56	....	Tr.	61	9	
19613	10	47.48	2	20	29	35.58	29	46	62.7	Tr.	125	72	
	9	46.73	2			35.77[15]			55.1	Mu.	61	16	[15] One of three threads rejected; R. A.=$44^s.69$.
19614	9	48.67	1	20	29	36.30	19	18	45.3[16]	Mu.	201	47	[16] Decl. changed one rev. south.
	8	48.62	2			36.31[17]			46.7	Mer.	141	54	[17] R. A. decreased 1 min. One thread decreased one thread interval.
	10	48.62	1			36.66			....	Tr.	183	50	
19615	9	48.55	1	20	29	37.98	21	56	37.8	Mu.	182	101	
19616	9	46.72	4	20	29	38.77	37	16	56.6	Mu.	60	17	
19617	8	47.72	3	20	29	40.31	26	10	57.1	Mer.	205	2	
	9	47.68	3			40.43			58.4	Mer.	105	20	
	9	46.71	2			40.79			63.9	Mu.	56	39	
19618	7	48.56	1	20	29	42.92[18]	21	30	44.8	Mu.	185	10	[18] R. A. decreased one thread interval.
	8	48.56	3			42.96			....	Tr.	180	40	
	9	48.55	3			42.97			45.4[19]	Mer.	133	118	[19] Decl. changed one rev. north.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19619	7	46.72	2	20	29	44.60	33	41	49.5	Mu.	59	1	
	5	46.46	2			44.82			52.9	Tr.	27	24	
19620	9	48.67	1	20	29	52.09	19	9	48.4	Mu.	201	48	
	8	48.63	1			52.65			50.7	Mer.	141	55	
	9	51.67	5			52.85			46.4	Mer.	242	40	
	10	48.69	2			53.44			47.3	Tr.	193	11	
	10	48.59	1			53.67			....	Tr.	181	1	
19621	9	47.59	1	20	29	52.67	25	43	1.2	Mer.	196	49	
	9	46.72	2			52.73			5.6	Mer.	66	33	
	9.8	46.73	2			52.99			7.0	Mer.	68	48	
	8	47.68	2			53.00			9.4	Tr.	129	12	
19622	9	51.68	5	20	29	54.74	18	34	24.5	Tr.	271	13	
19623	8	47.65	3	20	29	54.99[1]	28	56	48.0	Mer.	199	66	[1] "Doubtful transit."
	8	46.58	6			55.02			46.9	Mer.	48	47	
	8.9	46.53	2			55.06			46.8	Mer.	43	1	
	7	47.68	2			55.18			51.8	Tr.	128	34	
	8	46.63	5			55.18			49.7	Mu.	47	65	
	8	47.68	5			55.80			48.7	Mu.	130	48	
19624	9.10	46.66	1	20	29	56.33	41	29	35.3	Mer.	56	41	
19625	10	48.56	2	20	30	1.41	22	50	26.8[2]	Mer.	135	10	[2] Decl. changed one rev. north.
	10.11	48.67	1			1.74			29.4	Tr.	192	47	
19626	8	46.73	2	20	30	7.81	35	46	....	Tr.	75	23	
19627	9	48.62	2	20	30	8.37	24	35	56.4	Mer.	138	51	
	8	46.62	2			8.43			....	Tr.	57	74	
	9	46.73	3			8.49			55.6	Mer.	69	49	
19628	10	48.63	1	20	30	8.49[3]	18	23	....	Tr.	185	92	[3] R. A. increased 1 min.
19629	8.9	46.72	7	20	30	12.07	43	35	15.4	Mer.	67	15	
19630	7	51.68	4	20	30	12.63	17	35	7.3[4]	Mer.	243	6	[4] Decl. changed one rev. south
	6	51.69	5			12.68			9.7	Tr.	272	23	
19631	7	46.61	1	20	30	16.15	36	33	16.4	Tr.	56	38	
	8	46.66	5			16.52			15.3	Mu.	49	46	
19632	8	46.58	1	20	30	22.14	31	26	49.1	Mu.	40	23	
	7	48.55	2			22.39			51.9	Mer.	134	131	
	10	47.70	3			22.43			50.5	Tr.	130	14	
19633	10	48.67	2	20	30	23.30	23	15	53.4	Mer.	148	79	
19634	10	46.71	2	20	30	31.36	38	6	19.0	Tr.	71	17	
19635	9	48.79	4	20	30	34.74	17	4	....	Mer.	153	2	
	6	51.69	5			34.79			51.4	Tr.	273	35	
	8	48.74	2			34.81			....	Tr.	196	16	
	8	48.73	5			34.81			53.6	Tr.	195	16	
19636	9.10	46.70	1	20	30	37.49	34	43	47.0	Mu.	53	15	
19637	10	48.74	1	20	30	39.01	16	58	....	Tr.	196	17	
19638	8	48.62	3	20	30	39.15[5]	19	48	4.4	Mu.	189	37	[5] R. A. decreased 1 min.
	9	48.60	2			39.30			2.9	Mer.	137	86	
19639	8	46.73	2	20	30	40.11	35	14	....	Tr.	75	24	
19640	8	46.72	2	20	30	41.77	34	34	....	Tr.	73	13	
19641	8	46.66	2	20	30	43.77	36	19	19.2	Mu.	49	47	
19642	8	46.54	4	20	30	50.82	42	55	19.2	Mer.	45	1	
19643	7	47.70	3	20	30	51.40	28	14	24.6	Mer.	202	4	
	7	46.60	2			51.57			....	Tr.	52	53	
	8	46.63	3			51.60			27.8	Mer.	55	44	
	5.6	47.70	3			51.61			24.5	Tr.	132	16	
	6.7	47.65	3			51.69			24.2	Mu.	128	90	
	7.8	46.71	5			51.70			25.8	Mer.	63	62	
19644	5	51.82	5	20	30	52.70	15	28	38.2	Mu.	282	14	
19645	12	47.71	3	20	30	54.00[6]	27	5	2.9	Tr.	133	9	[6] R. A. decreased 1 min.
	9	46.71	2			54.08			....	Tr.	70	48	
19646	6	46.53	4	20	30	54.54	33	57	28.5	Mu.	36	75	
	5.6	46.72	3			54.57			28.4	Mu.	59	2	
19647	9	48.55	2	20	30	54.79	21	27	43.7	Mer.	133	119	
	9	48.66	3			55. . .[7]			43.3	Mer.	144	15	[7] Separate threads give 55ˢ.64, 55ˢ.02, 56ˢ.15. Ya and CiZ give 55ˢ.6.
	10	48.56	1			55.87			....	Tr.	180	41	
19648	11	48.67	1	20	30	56.62[8]	20	36	53.3	Tr.	190	21	[8] Thread V recorded on this star reduced as belonging to Tr. 190, No. 20, the other thread increased 10 sec.
	9	48.67	2			57.30[9]			49.5	Mer.	146	54	
	10	48.62	3			57.38			52.9	Tr.	184	86	
19649	7.8	47.71	3	20	31	0.57	29	23	45.4	Mu.	132	64	[9] R. A. increased 10 sec.
	8	47.71	3			0.65			42.8	Mer.	204	29	
	7	46.63	2			0.66			....	Tr.	59	36	
	10	46.70	2			0.77			45.7	Mer.	58	10	
	9	47.63	1			0.92			41.4	Tr.	126	58	
19650	8	46.46	1	20	31	3.23	33	22	39.7	Tr.	27	25	
19651	9	48.63	2	20	31	5.73	23	28	43.7	Tr.	186	47	
19652	9	48.63	2	20	31	8.01	23	20	61.5	Mu.	193	38	
	7	48.67	3			8.38			59.9	Mer.	148	80	
19653	8	51.82	5	20	31	9.19	15	29	55.9	Mu.	282	13	
19654	8	46.62	2	20	31	13.66	23	33	23.0	Mu.	46	9	
	10	48.55	2			13.89			22.6	Mu.	184	8	
19655	5	46.62	1	20	31	15.76	24	19	....	Tr.	57	76	
	8	48.67	6			15.82			5.4	Mu.	203	25	
	5	48.62	1			15.84			6.5	Mer.	138	52	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19656	9	47.48	2	20	31	16.15 [1]	29	43	26.6	Tr.	125	73	[1] R. A. decreased 1 min.
	7	47.71	1			16.15			29.0 [2]	Mer.	203	9	[2] Decl. changed one wire interval north.
	7	47.71	1			16.19			29.3	Mer.	204	30	
	8	46.73	4			16.20			27.6	Mu.	61	17	
	8	46.70	2			16.26			27.8	Mer.	58	11	
	7	47.70	3			16.29			28.6	Mu.	131	61	
	9	47.46	2			16.30			30.3	Tr.	122	93	
	7	47.63	2			16.36			28.3	Tr.	126	59	
19657	7.8	46.54	5	20	31	20.34 [3]	42	39	35.5	Mer.	45	2	[3] One of six threads rejected; R. A.=21^{s}.56.
	7	46.69	5			21.22			34.7	Mer.	57	32	
19658	9	46.73	1	20	31	23.06 [4]	29	39	46.1	Mu.	61	18	[4] CPD gives 19^{s}.9.
19659	9	47.66	3	20	31	28.50	24	37	....	Mer.	104	37	
	8.9	48.67	1			28.54			54.4	Mu.	203	26	
	6	46.62	2			28.54 [5]			....	Tr.	57	75	[5] R. A. decreased 1 min.
	7.8	46.73	5			28.62			53.6	Mer.	69	50	
	5	48.62	2			28.66			52.7 [6]	Mer.	138	53	[6] Decl. changed one rev. south.
	6.7	47.72	3			28.75			53.3	Mu.	134	25	
	7	46.74	4			28.81			50.6	Mu.	64	19	
19660	4	48.63	3	20	31	30.08	18	39	....	Tr.	185	93	
	..	51.67	5			30.13			....	Mer.	242	42	
	..	51.67	5			30.19			....	Mer.	242	43	
	6	48.72	6			30.30 [7]			47.7	Mu.	205	43	[7] R. A. increased 1 min.
	4	51.68	5			30.30			50.8	Tr.	271	14	
	5.6	48.69	5			30.33			46.5 [8]	Tr.	193	12	[8] Decl. changed one rev. south.
	4	51.67	5			30.41			46.1	Mer.	242	41	
19661	9	51.69	5	20	31	30.58	16	50	24.3	Tr.	273	36	
19662	5.6	47.70	2	20	31	32.01	28	6	44.0	Tr.	132	17	
	8	46.63	3			32.19			45.1	Mer.	55	45	
	7	46.60	3			32.22			....	Tr.	52	54	
	7	47.70	3			32.29			42.0	Mer.	202	5	
	8	46.71	6			32.35			46.0	Mer.	63	63	
	6	47.65	3			32.37			45.4	Mu.	128	91	
19663	6.7	47.54	6	20	31	35.25 [9]	27	10	14.8	Mer.	195	130	[9] One of seven threads rejected; R. A.=36^{s}.16.
	6	47.67	2			35.31			17.4	Tr.	127	8	
	7	47.45	5			35.41			14.7	Mu.	119	91	
	7	46.52	4			35.56			14.5	Mer.	39	25	
	6	46.71	2			35.65			....	Tr.	70	49	
	7.8	47.74	5			35.70			12.6	Mu.	136	1	
	5	47.71	3			35.73			11.5	Tr.	133	10	
	9	47.71	5			35.79			12.8 [10]	Mer.	107	29	[10] Decl. changed one rev. north.
	6	46.52	4			35.81			11.4	Mu.	30	14	
	7	46.46	5			35.89			5.7 [11]	Mer.	28	103	[11] If micrometer reading be assumed as 40.35 instead of 40.55 rev., as recorded, Decl.=12″.6.
19664	10	48.55	1	20	31	43.94 [12]	21	44	37.3	Mu.	182	103	
19665	7.8	46.58	7	20	31	45.42	29	4	31.1	Mer.	48	48	
	7	46.63	5			45.52			33.4	Mu.	47	66	[12] R. A. increased 10 sec.
	6.7	47.65	3			45.52			30.0	Mer.	199	67	
	8.7	46.61	3			45.53			32.2	Mer.	51	50	
	8	46.53	5			45.70			31.6	Mer.	43	2	
	7	47.68	2			45.79			33.0	Tr.	128	35	
	5	47.66	1			45.81			33.7	Tr.	126	60	
	7.8	47.68	4			45.82			30.9	Mu.	130	49	
19666	10	48.55	2	20	31	46.95 [13]	22	8	....	Tr.	179	12	[13] R. A. decreased 1 min. One of three threads rejected; R. A.=47^{s}.84.
	10	48.67	1			47.34			59.6	Tr.	192	48	
	11	48.60	2			47.52 [14]			....	Tr.	182	63	[14] R. A. decreased 1 min.
	10	48.55	1			47.78			61.0	Mu.	182	102	
	9	48.56	3			47.85			62.6	Mer.	135	11	
19667	8	47.71	1	20	31	51.54	29	59	4.4	Mer.	203	10	
19668	11	46.71	1	20	31	54.13	38	19	16.6	Tr.	71	18	
19669	7.8	47.59	4	20	31	54.81 [15]	25	34	34.5	Mer.	196	50	[15] One of five threads rejected; R. A.=55^{s}.77.
	7	47.68	2			54.89			32.9	Tr.	129	13	
	7.8	46.73	2			55.01			35.1	Mer.	68	49	
	8	46.72	5			55.09			34.5	Mer.	66	34	
	8	48.79	3			55.18			35.7	Mu.	209	1	
19670	8	48.63	1	20	31	59.74	19	4	26.3	Mer.	141	56	
	9	51.68	5			59.96			33.7	Tr.	271	15	
	11	48.69	1			60.10			26.3	Tr.	193	13	
19671	9	46.70	2	20	32	0.66	34	37	45.8	Mu.	53	16	
	8	46.72	2			0.88			....	Tr.	73	14	
19672	8	51.82	5	20	32	3.10	15	54	19.2	Mu.	282	15	
19673	5	46.46	4	20	32	4.83	32	7	....	Tr.	30	128	
19674	8	48.79	3	20	32	6.44	16	39	....	Mer.	153	3	
	7	48.73	3			6.51			15.2	Tr.	195	17	
	7.8	48.78	2			6.57			13.4	Mu.	208	1	
	6.7	48.74	3			6.57			....	Tr.	196	18	
19675	8	47.72	3	20	32	6.76	25	56	42.1	Mer.	205	3	
19676	9	46.58	2	20	32	9.88	30	53	....	Tr.	49	23	
	9	47.71	2			9.97			57.9	Tr.	134	34	
19677	10	46.63	2	20	32	10.14	29	27	....	Tr.	59	37	
19678	8.9	46.73	2	20	32	12.34 [16]	25	1	55.4	Mer.	68	50	[16] R. A. decreased two thread intervals.
	7	46.73	3			12.97			53.9	Mer.	69	51	
	8.9	47.72	1			13.43			53.9	Mu.	134	26	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19679	8	48.63	4	20	32	14.08	19	18	6.4	Mer.	141	57	
	9	48.67	3			14.18			8.1	Mu.	201	49	
	10	48.59	3			14.20			....	Tr.	181	2	
	10	48.62	3			14.46			....	Tr.	183	51	
19680	9	46.70	1	20	32	22.61	34	49	37.6	Mu.	53	17	
19681	11	46.72	2	20	32	24. . .[1]	34	24	....	Tr.	73	15	[1] Separate threads give $22^{s}.28$, $24^{s}.33$. CPD gives $24^{s}.6$.
19682	9	48.67	1	20	32	24.65	23	22	52.2	Mer.	148	81	
19683	5	47.72	1	20	32	26.36	26	31	36.4	Mer.	205	4	
	7	46.46	1			26.41			36.9	Mer.	28	104	
	7	46.52	7			26.46			37.7	Mer.	35	8	
	7	47.74	3			26.53			38.7	Mu.	136	2	
	5	46.71	3			26.53			36.0	Mu.	56	40	
	6	47.66	7			26.53			36.3	Mu.	129	36	
	8	47.68	3			26.63[2]			41.0	Mer.	105	21	[2] One of four threads rejected; R. A.=$25^{s}.77$.
19684	6	51.67	5	20	32	26.69	18	19	....	Tr.	270	16	
	10	48.72	3			26.97			23.2	Mer.	149	35	
19685	..	47.70	..	20	32	28. . .	28	31	25.3[3]	Mer.	202	6	[3] Decl. changed one wire interval south and one rev. north.
	8	47.65	1			28.27			21.4	Mer.	199	68	
	8	46.63	3			28.48			19.7	Mu.	47	67	
	8	47.68	2			28.58			21.1	Mu.	130	50	
	6	47.65	2			28.62			23.3	Mu.	128	92	
	8	46.63	2			28.65			19.6	Mer.	55	46	
	6	46.60	3			28.66			....	Tr.	52	55	
	5.6	47.70	1			28.69			26.9	Tr.	132	18	
	7.8	47.68	2			28.87			23.8	Tr.	128	36	
19686	8	46.73	2	20	32	28.92	35	11	....	Tr.	75	25	
19687	9.10	46.71	2	20	32	31.19	39	6	50.0	Mu.	57	2	
19688	7	47.71	3	20	32	39.12	29	17	29.7	Mer.	204	31	
	5	46.63	3			39.16			....[4]	Tr.	59	38	[4] Decl. changed one rev. north.
	8	46.70	3			39.17			29.4	Mer.	58	12	
	7	47.71	3			39.17			31.8	Mu.	132	65	
	8.9	46.53	4			39.21			32.8	Mer.	43	3	
	7.8	46.61	2			39.29			27.9	Mer.	51	51	
	6	47.66	1			39.29			32.4	Tr.	126	61	
19689	8	46.46	4	20	32	46.56	32	34	31.6	Mu.	25	100	[5] One of five threads rejected; R. A.=$47^{s}.46$.
19690	9	52.55	4	20	32	48.36[5]	17	13	16.9[6]	Tr.	283	20	[6] Separate transit threads give 28″.4, 18″.5, 16″.5, 4″.2.
	7	51.69	5			48.57			20.0	Tr.	273	37	
	11	48.72	3			48.58			13.8	Tr.	194	1	
19691	7	51.68	5	20	32	48.81	17	54	26.3	Mu.	278	3	
	6	51.68	5			48.83			24.6	Mer.	243	7	
19692	10	48.66	2	20	32	50. . .[7]	21	20	25.5	Mer.	144	16	[7] Separate threads give $50^{s}.32$, $51^{s}.15$.
	10	48.55	3			50.74			25.5	Mer.	133	120	
19693	8	47.54	1	20	32	50.38	27	44	42.3	Mer.	195	131	
	9	46.71	2			50.99			42.6	Mer.	63	64	
	7.8	47.65	1			51.02			38.6	Mu.	128	93	
19694	10	48.72	1	20	32	56.25	18	30	25.5	Mu.	205	44	
19695	9	51.68	5	20	32	57.40	18	9	35.1	Mu.	278	4	
	10	48.72	3			57.44			35.2	Mer.	149	36	
19696	9	46.54	5	20	33	2.51	42	37	21.5	Mer.	45	3	
19697	7	46.77	5	20	33	2.76	40	5	24.2	Mer.	73	3	
19698	8	46.58	3	20	33	3.06	31	5	21.1	Mu.	40	24	
	9	47.70	3			3.20			19.9	Tr.	130	15	
	7	48.55	4			3.21			21.3	Mer.	134	132	
	8	47.61	3			3.24			21.5	Mer.	198	11	
19699	7	46.62	3	20	33	4.06	23	39	61.6	Mu.	46	10	
	9	48.55	3			4.17			61.9	Mu.	184	9	
	8	48.63	3			4.26			58.5	Tr.	186	48	
19700	9	48.55	2	20	33	8.31	31	2	25.1	Mer.	134	133[8]	[8] "First of double."
	9	46.58	1			8.52			22.4	Mu.	40	25[9]	[9] Component not stated.
19701	9	46.58	2	20	33	9.10	31	2	....	Tr.	49	24[10]	[10] "Double, both of same magnitude." Observed zenith distance indicates second component.
	10	47.61	1			9.43			40.2	Mer.	198	12[11]	
19702	9	46.71	2	20	33	9.25	27	0	....	Tr.	70	50	
19703	8	48.63	1	20	33	9.27	19	35	15.1	Mer.	141	58	[11] Component not stated.
19704	9	46.66	2	20	33	19.13	35	56	....	Tr.	61	10	
19705	9	48.67	1	20	33	22.76	23	22	50.5[12]	Mer.	148	82	[12] Decl. interchanged with that of Mer. 148, No. 83.
19706	8	46.62	1	20	33	23.41	23	31	54.2	Mu.	46	11	
	9	48.55	3			23.87			56.7	Mu.	184	10	
	10	48.63	1			24.28			55.9	Mu.	193	39	
19707	11	48.55	1	20	33	24.24	21	48	14.0	Mu.	182	104	
19708	9	48.67	1	20	33	24.48	23	9	33.3[13]	Mer.	148	83	[13] See note on No. 19705.
19709	6	51.67	5	20	33	26.66	18	24	....	Tr.	270	17	
	10	48.72	1			26.88			37.0	Mu.	205	45	
19710	10	47.71	1	20	33	29.32	30	33	18.3	Tr.	134	35	
19711	9	47.48	4	20	33	40.04	29	39	45.2	Tr.	125	74	
19712	8	48.63	1	20	33	41.27	19	7	29.7	Mer.	141	59	
	10	48.67	2			41.52			36.8[14]	Mu.	201	50	[14] Decl. changed five rev. north.
	11	48.69	2			41.55			27.8	Tr.	193	14	
	10	48.62	1			41.72			....	Tr.	183	52	
19713	8	46.72	2	20	33	42.69	34	43	....	Tr.	73	16	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19714	9	46.77	1	20	33	49.39[1]	40	35	34.5	Mer.	73	4	[1] Two of three threads rejected; R. A. $=40^{s}.74$, $41^{s}.35$. Gou gives $49^{s}.8$.
19715	7	47.66	2	20	33	55.44	29	18	8.6	Tr.	126	62	
	5	46.63	2			55.60			....	Tr.	59	39	
	8.9	46.70	4			55.68			8.3	Mer.	58	13	
	9	46.53	5			55.72			8.5	Mer.	43	4	
	8.9	46.61	3			55.76			5.6	Mer.	51	52	
	8	47.71	3			55.84			6.6	Mer.	204	32	
	7	47.71	1			55.95			8.9	Mu.	132	66	
19716	8	46.66	3	20	34	1.98	36	3	....	Tr.	61	11	
	8.9	46.66	1			3.24			47.8	Mu.	49	48	
19717	10	46.46	2	20	34	6.49	32	4	....	Tr.	30	129	
19718	8	48.72	1	20	34	7.34	18	38	32.8	Mu.	205	46	
	4	51.68	5			7.42			36.6	Tr.	271	17	
	4	51.68	5			7.43			36.8	Tr.	271	16	
	..	51.67	4			7.48[2]			31.8	Mer.	242	44	[2] One of five threads rejected; R. A. $=7^{s}.11$.
	7	48.63	3			7.58			....	Tr.	185	94	
19719	5.6	47.46	2	20	34	7.37	29	56	52.5	Tr.	122	94	
	7	46.73	5			7.50			55.1	Mu.	61	19	
	6.7	47.70	3			7.53			55.9	Mu.	131	62	
	8	47.71	3			7.80			54.5	Mer.	203	11	
19720	11	48.67	2	20	34	10.52	20	32	36.5	Tr.	190	22	
19721	9	51.69	5	20	34	15.53	16	52	55.3	Tr.	273	38	
	10	48.74	3			15.68			....	Tr.	196	19	
19722	10	48.62	2	20	34	20.93	20	1	10.9	Mu.	189	38	
	9	48.60	3			21.19			14.3	Mer.	137	87	
19723	11	46.46	1	20	34	22.19	33	28	19.3	Tr.	27	27	
19724	10	48.59	1	20	34	23.03	22	29	51.7[3]	Mer.	136	9	[3] Decl. changed one wire interval south.
	10	48.67	2			23.56			47.4	Tr.	192	49	
	10	48.55	3			23.63			....	Tr.	179	13	
	10	48.56	4			24.01			46.1	Mer.	135	12	
19725	8	47.61	2	20	34	25. ..[4]	30	45	44.0[5]	Mer.	198	13	[4] Separate threads give $26^{s}.04$, $25^{s}.20$.
	7.8	47.46	5			25.56			45.7	Mu.	121	13	[5] Decl. changed one wire interval north.
	7.8	47.71	3			25.62			44.7	Tr.	134	36	
19726	10	48.66	1	20	34	26.00	20	45	25.6	Mer.	144	18	
	9	48.67	3			26.64			27.4	Mer.	146	55	
	9	48.60	2			26.75			27.0	Mu.	188	60	
19727	10	48.66	2	20	34	30.87	21	20	37.1	Mer.	144	17	
	10	48.55	3			30.98			34.7	Mer.	133	121	
	12	48.56	1			31.22			....	Tr.	180	42	
	10	48.56	1			31.47			33.0	Mu.	185	11	
19728	9	46.46	1	20	34	31.10	33	18	35.1	Tr.	27	26	
19729	10	48.79	1	20	34	33.81	25	45	46.6	Mu.	209	2	
19730	10	48.67	1	20	34	36.85	22	50	22.4	Tr.	192	50	
19731	6	48.67	2	20	34	40.43	22	59	15.5	Mer.	148	84	
	9	48.63	2			41.09			15.0	Mu.	193	40	
19732	8.9	46.73	4	20	34	40.84	25	13	34.3	Mer.	68	51	
	8.9	46.73	7			40.86			34.5	Mer.	69	52	
	9	46.74	2			40.94			32.7	Mu.	64	20	
	10	47.66	4			41.05			....	Mer.	104	38	
	8	47.72	2			41.21			32.4	Mu.	134	27	
19733	9	47.71	3	20	34	43.20	26	46	63.7	Tr.	133	11	
	9	46.46	5			43.27			59.3	Mer.	28	105	
	9	47.71	6			43.36			65.4	Mer.	107	30	
	8	46.71	2			43.51			....	Tr.	70	51	
19734	6	46.46	3	20	34	45.94	32	27	49.2	Mu.	25	101	
19735	10	48.60	1	20	34	50.01	20	0	59.4	Mer.	137	88	
19736	8	46.62	2	20	34	50.25	24	0	19.3	Mu.	46	12	
	7	48.62	4			50.27[6]			18.2	Mer.	138	54	[6] R. A. decreased 1 min.
	9	48.67	3			50.48			17.8[7]	Mu.	203	27	[7] Decl. changed one rev. south.
	9	48.55	3			50.52[8]			18.3	Mu.	184	11	[8] One thread increased 10 sec.
	8	48.63	2			50.67[9]			19.5	Tr.	186	49	[9] One of three threads rejected; R. A. $=51^{s}.76$.
19737	9	47.68	4	20	34	51.22	28	26	59.2	Mu.	130	51	
	8	46.63	3			51.24			59.0	Mer.	55	47	
	7	47.65	1			51.27			57.1	Mu.	128	94	
	9	47.68	2			51.29			60.4	Tr.	128	37	
	7	46.60	3			51.30			....	Tr.	52	56	
	7	47.70	2			51.42			60.9	Tr.	132	19	
	7	47.70	1			51.43			61.7	Mer.	202	7	
	8	47.65	2			51.44[10]			61.2	Mer.	199	69	[10] Separate threads give $51^{s}.80$, $51^{s}.08$.
	8	46.63	3			51.46			58.2	Mu.	47	68	
19738	9.10	47.66	2	20	34	53. ..[11]	26	9	4.9	Mu.	129	38	[11] Separate threads give $53^{s}.52$, $52^{s}.65$.
19739	9	51.69	5	20	34	53.04	17	22	33.1	Tr.	272	24	
19740	9.10	46.70	1	20	34	53.27	35	3	19.9	Mu.	53	18	
19741	..	47.72	2	20	34	53.94[12]	26	21	....	Mer.	205	5	[12] Separate threads give $53^{s}.59$, $54^{s}.29$.
	9	47.66	4			54.65			38.3	Mu.	129	37	
	8	46.71	4			54.74			39.3	Mu.	56	41	
	8	47.68	4			54.84			39.6	Mer	105	22	
	8.9	46.52	7			54.89			40.3	Mer.	35	9	
	8	47.68	2			54.97			41.4[13]	Mer.	201	1	[13] Decl. changed one rev. north.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19742	10	48.69	2	20	34	57.37	18	45	44.1	Tr.	193	15[1]	[1] "Double; north preceding observed."
	9	51.68	5			57.55			47.2	Tr.	271	18	
	9	51.67	5			57.71			44.0[2]	Mer.	242	45	[2] Decl. changed one rev. south.
	9	48.63	2			57.75			....	Tr.	185	95	
19743	10	48.67	1	20	35	0.57	19	9	46.8	Mu.	201	51	
	8	48.63	1			0.65			49.0	Mer.	141	60	
19744	10	48.55	1	20	35	6.23	21	46	9.1	Mu.	182	105	
	11	48.60	1			6.53			....	Tr.	182	64	
19745	7.8	46.66	3	20	35	7.84	36	21	52.9	Mu.	49	49	
19746	10	47.65	1	20	35	9.26	28	41	23.9	Mer.	199	70	
19747	7	51.82	5	20	35	10.05	15	43	18.8	Mu.	282	16	
19748	10	48.63	..	20	35	11...	22	47	12.6	Mu.	193	41	
	10	48.56	1			11.14			16.2	Mer.	135	13	
	10	48.55	2			11.85			....	Tr.	179	14	
19749	9	46.66	5	20	35	16.48	41	49	54.3	Mer.	56	42	
19750	6.7	46.80	5	20	35	17.49	44	17	13.4	Mer.	77	4	
19751	8	48.62	4	20	35	19.48	19	52	38.6	Mu.	189	39	
	9	48.60	2			19.58			42.3	Mer.	137	89	
19752	10.11	48.72	1	20	35	22.86	18	15	17.2	Mer.	149	37	
19753	9	51.68	4	20	35	23...[3]	17	17	47.2[4]	Mer.	243	8	[3] No chronograph tape found. Reduced as recorded, separate threads give $23^{s}.41$, $22^{s}.91$, $22^{s}.41$, $22^{s}.16$. If increased one thread interval each, separate threads give $25^{s}.62$, $25^{s}.17$, $24^{s}.58$, $24^{s}.49$. AW gives $24^{s}.4$.
19754	7	47.67	1	20	35	25.55	27	44	53.5	Tr.	127	10	
	9	47.54	5			26.03			56.9	Mer.	195	132	
	8	46.70	3			26.05[5]			54.8[6]	Mer.	60	1	
	9	46.52	3			26.20			54.6	Mu.	30	15	
	9	46.71	3			26.21			56.3	Mer.	63	65	[4] Decl. changed one wire interval south.
	7	47.45	3			26.35			57.1	Mu.	119	92	[5] One thread decreased 10 sec.
	8	46.52	2			26.37			57.7	Mer.	39	26	[6] Decl. changed one rev. north.
19755	9	47.54	1	20	35	26.97	27	35	12.5	Mer.	195	133	
	9	47.45	1			27.43			13.9	Mu.	119	93	
	10	47.67	2			27.46			13.9	Tr.	127	9	
	9	46.71	2			27.52			14.2	Mer.	63	66	
19756	10	46.73	3	20	35	27.48	25	17	26.4	Mer.	68	52	
19757	10	48.60	2	20	35	29.90	21	43	....	Tr.	182	65	
	9	48.55	1			30.22			43.4	Mu.	182	106	
19758	8	47.71	1	20	35	29.94	29	48	49.6	Mu.	132	67	
	8.9	46.73	3			30.36			47.5	Mu.	61	20	
	8	47.71	3			30.43			46.3	Mer.	203	12	
	8	47.71	4			30.89			47.9	Mer.	204	33	
	8	47.70	1			31.06			48.7	Mu.	131	63	
19759	9	47.65	3	20	35	30.20	28	44	21.9	Mer.	199	71	
	7.8	47.68	3			30.29			26.1	Mu.	130	52	
	8	46.63	3			30.40			28.5	Mer.	55	48	
	7.8	46.63	3			30.49			26.2	Mu.	47	69	
	7	47.68	2			30.49			27.2	Tr.	128	38	
	8	46.53	4			30.50			27.0	Mer.	43	5	
19760	8	47.70	2	20	35	34.95[7]	27	58	22.2	Mer.	202	8	[7] One of three threads rejected; R. A.=$34^{s}.07$.
	8	46.60	1			35.02			....	Tr.	52	57	
	9	46.71	2			35.34			22.9	Mer.	63	67	
	7	47.65	1			35.51			23.9	Mu.	128	95	
	8	47.70	1			35.57			21.4	Tr.	132	20	
	9	46.70	2			36.02[8]			19.1	Mer.	60	2	[8] R. A. decreased 10 sec. One of three threads rejected; R. A.=$35^{s}.17$.
19761	5	46.73	2	20	35	41.99	35	42	....	Tr.	75	26	
	4	46.66	2			42.16			....	Tr.	61	12	
19762	9	46.73	2	20	35	44.23	35	48	....	Tr.	75	27	
19763	9	46.46	3	20	35	50.85	31	51	....	Tr.	30	130	
19764	8	46.62	1	20	35	51.25	23	43	31.4	Mu.	46	13	
	9	48.63	2			51.35			35.9	Tr.	186	50	
	9.10	48.55	3			51.54			33.0	Mu.	184	12	
19765	10	47.48	2	20	35	54.50	29	35	16.5	Tr.	125	75	
	8.9	47.71	1			54.61			15.1	Mu.	132	68	
	9	46.63	3			54.82			....	Tr.	59	40	
19766	9	47.70	2	20	35	59..[9]	31	29	22.9	Tr.	130	16	[9] Separate threads give $59^{s}.57$, $58^{s}.64$.
	9	48.55	2			59.38			30.2	Mer.	134	134	
	8.9	46.58	1			[65.27][10]			30.0	Mu.	40	26	[10] "Time of transit doubtful." Gou gives $59^{s}.3$.
19767	8	46.71	2	20	35	59.24	26	46	....	Tr.	70	52	
	9	47.71	3			59.43			54.3	Tr.	133	12	
19768	9	48.63	1	20	36	0.26	19	34	57.0	Mer.	141	61	
	10	48.59	3			0.65			....	Tr.	181	3	
19769	8	46.66	2	20	36	4.75	35	54	....	Tr.	61	13	
19770	11	48.56	2	20	36	8.98[11]	21	25	....	Tr.	180	43	[11] "Uncertain." Minute assumed.
	8	48.56	2			9.07			47.5	Mu.	185	12	
	9.10	48.55	3			9.19			48.7	Mer.	133	122	
	8.9	48.66	2			9.20			46.4	Mer.	144	19	
19771	6	48.55	3	20	36	11.80	31	0	58.4	Mer.	134	135	
	7	47.70	2			11.83			62.3	Tr.	130	17	
	7	46.61	3			11.84			59.0	Mu.	44	68	
	8	47.61	4			11.86			59.3	Mer.	198	14	
	7	47.46	5			11.88			59.9	Mu.	121	14	
	7	47.71	3			11.92			63.8	Tr.	134	37	
	6.7	46.58	2			11.95			57.3	Mu.	40	27	
	7	46.58	2			12.00			....	Tr.	49	25	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19772	5	47.70	1	20	36	11.86	27	47	12.4	Tr.	132	21	
	7	47.54	1			11.94			14.3	Mer.	195	134	
	7.8	46.71	2			12.09			10.0	Mer.	63	68	
	5	46.52	3			12.21			12.0	Mu.	30	16	
	7	47.45	2			12.29			12.4	Mu.	119	94	
	5.6	46.70	4			12.31			11.5	Mer.	60	3	
	6	46.52	1			12.35			14.2[1]	Mer.	39	27	[1] Decl changed one wire interval and five rev south.
	5.6	47.65	2			12.54			11.6	Mu.	128	96	
19773	8	48.62	2	20	36	13.29[2]	24	17	46.3	Mer.	138	55	[2] One of three threads rejected. R. A.=$12^{s}.04$.
19774	8	51.82	5	20	36	22.31	15	29	52.9	Mu.	282	17	
19775	8	51.69	5	20	36	26.56	16	53	17.3	Tr.	273	39	
	10	48.74	2			26.77			....	Tr.	196	20	
19776	8	46.62	2	20	36	28.94	24	24	....	Tr.	57	77	
	8	48.62	2			28.95			50.3	Mer.	138	56	
19777	10	46.46	1	20	36	29.32	33	14	55.4	Tr.	27	28	
19778	9.10	47.66	2	20	36	30.93	26	29	33.9	Mu.	129	39	
	9	47.68	5			31.24[3]			....	Mer.	105	23	[3] R. A. decreased 1 min.
19779	6	46.73	2	20	36	32.66	39	44	....	Tr.	78	8	
19780	10	48.55	1	20	36	33.81	21	41	29.5	Mu.	182	107	
19781	9	47.68	1	20	36	34.50	29	9	40.1	Tr.	128	39	
	10	47.66	1			34.63			35.3	Tr.	126	63	
	9	46.53	3			34.72			36.6	Mer.	43	6	
	8	47.71	4			34.80			34.4	Mer.	204	34	
	7.8	47.71	1			34.82			35.5	Mu.	132	69	
19782	10	48.56	2	20	36	36.41	22	47	44.8	Mer.	135	14	
	10	48.55	1			36.69			....	Tr.	179	15	
19783	10	48.66	1	20	36	37.06	20	56	18.9[4]	Mer.	144	20	[4] Decl. changed two wire intervals north.
	9	48.67	2			38.52			35.3	Tr.	190	23	
19784	10	48.67	4	20	36	40.75	23	8	26.5	Mer.	148	85	
19785	8	46.61	1	20	36	44.59	36	39	32.0	Tr.	56	39	
	7.8	46.66	3			44.65			33.7	Mu.	49	50	
19786	10	48.79	1	20	36	47.77	16	34	....	Mer.	153	4	
	10	48.74	1			47.95			....	Tr.	196	21	
	9.10	48.78	3			48.21			32.0	Mu.	208	2	
19787	9	47.70	3	20	36	49.21	28	8	43.5	Mer.	202	9	
19788	9	46.74	1	20	36	55.80	25	1	30.9	Mu.	64	21	
	9	46.73	5			56.12			29.7	Mer.	69	53	
	10	47.66	4			56.17			....	Mer.	104	39	
	8	47.72	3			56.31			26.1	Mu.	134	28	
19789	9	48.63	1	20	36	56.17	19	35	40.7	Mer.	141	62	
19790	6	51.82	5	20	36	59.62	15	34	31.8	Mu.	282	18	
19791	8	46.46	3	20	37	2.98	32	3	....	Tr.	30	131	
19792	10	48.67	1	20	37	3.16	23	28	23.6	Mer.	148	86	
19793	10	48.55	2	20	37	3.24	21	23	41.4	Mer.	133	123	
19794	8.9	46.73	2	20	37	6...[5]	25	38	45.0	Mer.	68	53	[5] Separate threads give $7^{s}.24$, $6^{s}.41$.
	8	47.59	1			6.44			42.4	Mer.	196	51	
	9	46.72	2			6.62			45.7	Mer.	66	35	
	9	48.79	1			6.85			57.6[6]	Mu.	209	3	[6] If micrometer reading be assumed as 31.804 instead of 31.604 rev., as recorded, Decl.= 45″.0.
	9	47.68	1			6.86			42.1	Tr.	129	14	
19795	9	47.68	1	20	37	10.91	28	58	53.7	Tr.	128	40	
	9	47.65	2			10.98			55.3[7]	Mer.	199	72	[7] Decl. changed one rev. north.
	9	46.53	5			11.16			54.1	Mer.	43	7	
	9.10	47.68	3			11.17			54.2	Mu.	130	53	
19796	4	47.59	2	20	37	12.13[8]	25	48	17.5	Mer.	196	52	[8] One of three threads rejected; R. A.=$11^{s}.28$.
	5	46.73	1			12.28			25.4	Mer.	68	54	
	5	46.72	2			12.35			23.9	Mer.	66	36	
	4	47.68	3			12.39			25.7	Tr.	129	15	
	6	48.79	1			12.41			24.6[9]	Mu.	209	4	[9] Decl. changed five rev. north.
19797	..	48.63	1	20	37	12.83	19	42	39.6	Mer.	141	63	
19798	9	46.72	2	20	37	16.13	34	8	....	Tr.	73	17	
19799	9.10	47.74	2	20	37	23...[10]	26	43	5.1	Mu.	136	3	[10] Separate threads give $22^{s}.82$, $23^{s}.74$.
	9	46.46	2			23.04			8.8	Mer.	28	106	
	9	47.71	3			23.14			3.9	Mer.	107	31	
	9	46.52	5			23.23			6.1	Mer.	35	10	
	8	46.71	2			23.25			....[11]	Tr.	70	53	[11] Decl. changed one wire interval north.
	9	47.71	3			23.50			4.2	Tr.	133	13	
19800	9.10	48.67	1	20	37	23.55	24	20	19.9	Mu.	203	29	
	9	46.62	3			23.67			....	Tr.	57	78	
	9	48.62	2			23.77[12]			18.0[13]	Mer.	138	57	[12] One of three threads rejected; R. A.=$22^{s}.74$.
19801	9.10	46.66	4	20	37	24.21	42	4	34.1	Mer.	56	43	[13] Decl. changed one rev. north.
19802	8	48.59	1	20	37	25.55	22	16	35.1	Mu.	187	15	
19803	11	48.69	2	20	37	26.88	18	50	30.1	Tr.	193	16	
	11	48.63	2			27.08			....	Tr.	185	96	
19804	7	48.60	3	20	37	27.61	22	3	....	Tr.	182	66	
	7	48.55	1			27.80			17.9	Mu.	182	108	
19805	8	48.67	4	20	37	27.69	24	15	57.6	Mu.	203	28	
	7	48.62	3			27.85[14]			55.6	Mer.	138	58	[14] R. A. decreased 1 min.
	7	46.62	1			28.19			....	Tr.	57	79	
19806	7	47.67	2	20	37	27.97[15]	27	24	29.2	Tr.	127	11	[15] One of three threads rejected; R. A.=$26^{s}.04$.
	5.6	46.52	1			28.08			38.2	Mer.	39	28	
	9	47.54	1			28.36			34.7	Mer.	195	135	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19807	8.9	47.71	1	20	37	29.49	29	21	37.9	Mu.	132	70	
	8	46.63	2			29.50			....	Tr.	59	41	
19808	10	48.55	2	20	37	30. . .[1]	24	4	5.7	Mu.	184	13	[1] Separate threads give 30^{s}.06, 29^{s}.26.
	9	48.63	3			30.20			2.9	Tr.	186	51	
19809	11	48.62	2	20	37	32. . .[2]	19	40	....	Tr.	183	53	[2] R. A. increased 2 min. Separate threads give 31^{s}.60, 32^{s}.50.
	..	48.63	1			32.00			43.3	Mer.	141	64	
19810	7	47.72	1	20	37	38.75	25	27	24.6	Mu.	134	29	
	9	48.79	2			38.98			14.2	Mu.	209	5	
19811	7	47.65	2	20	37	39.38	27	46	31.2	Mu.	128	97	
	6.7	47.70	1			39.69			32.0	Tr.	132	22	
	9	46.70	3			39.93			31.3	Mer.	60	4	
	8	46.52	2			39.94			29.9	Mu.	30	17	
	7.8	46.52	2			39.95			31.3	Mer.	39	29	
	7.8	47.45	2			40.06[3]			32.9	Mu.	119	95	[3] Separate threads give 39^{s}.69, 40^{s}.42.
19812	10	47.48	2	20	37	39.72	29	53	34.3	Tr.	125	76	
	8.9	46.73	5			39.75			37.5	Mu.	61	21	
	9	47.46	1			39.79			33.3	Tr.	122	95	
	8	47.70	2			40.06			38.7	Mu.	131	64	
	8	47.71	5			40.07			35.2	Mer.	203	13	
19813	10	48.66	1	20	37	41.05	21	5	0.8	Mer.	144	21	
19814	9	47.65	1	20	37	41.42	28	49	51.5	Mer.	199	73	
19815	7.8	47.45	2	20	37	44.64	27	43	39.6	Mu.	119	96	
	8	46.52	3			44.66			36.7	Mu.	30	18	
	6	47.65	1			44.72			35.7	Mu.	128	98	
	9	46.70	3			44.87[4]			36.6	Mer.	60	5	[4] R. A. decreased 1 min.
19816	7	46.66	2	20	37	45.45	35	41	....	Tr.	61	14	
	7	46.73	2			45.63			....	Tr.	75	28	
19817	9	48.56	2	20	37	45.76	22	42	14.1	Mer.	135	15	
	9	48.59	3			45.85			16.8	Mer.	136	10	
	8	48.55	2			45.99			....	Tr.	179	16	
	7	48.59	2			46.06			16.9	Mu.	187	16	
19818	9	48.72	3	20	37	46.68	17	49	14.4	Mer.	149	38	
19819	10	48.67	3	20	37	54.10	19	21	5.2	Mu.	201	52	
	11	48.62	2			54.25			....	Tr.	183	54	
	9	48.59	2			54.32			....	Tr.	181	4	
19820	10	47.70	2	20	37	55.18	31	15	17.9	Tr.	130	18	
	9	48.55	3			55.31			18.2	Mer.	134	136	
19821	7	51.69	5	20	37	56.52	17	25	30.9	Tr.	272	25	
19822	10	48.67	1	20	38	1.23	20	34	25.5	Tr.	190	24	
19823	8	48.62	3	20	38	2.50	19	58	52.0	Mu.	189	40	
	9	48.60	3			2.63			49.0	Mer.	137	90	
19824	10	48.72	2	20	38	3. . .[5]	17	14	32.7	Tr.	194	2	[5] Separate threads give 4^{s}.40, 3^{s}.59.
	9	48.79	3			3.62			....	Mer.	153	5	
	7	51.68	5			3.65			31.2	Mer.	243	10	
	10	48.73	2			3.78			33.4	Tr.	195	18	
	7	51.69	5			3.83			30.5	Tr.	273	41	
	9	48.78	4			3.86			31.0	Mu.	208	3	
19825	10	48.59	1	20	38	4.39	22	47	11.2	Mer.	136	11	
19826	8	51.68	5	20	38	6.10	17	42	12.5	Mer.	243	9	
	6	51.69	5			6.13			15.0	Tr.	272	26	
19827	8	51.69	5	30	38	7.37	16	48	52.5	Tr.	273	40	
19828	7	46.46	2	20	38	8.84	33	31	16.7	Tr.	27	29	
19829	5	47.70	1	20	38	14.93	28	14	33.6	Tr.	132	23	
	8	47.70	3			15.00			32.4	Mer.	202	10	
	8	46.63	3			15.15			36.4[6]	Mer.	55	49	[6] Decl. changed ten rev. south.
	7	46.60	3			15.28			....	Tr.	52	58	
	8	46.70	2			15.32			34.5	Mer.	60	6	
19830	10	48.67	1	20	38	15.81	20	40	36.0	Tr.	190	25	
19831	2.3	46.80	3	20	38	18.16	44	31	47.5	Mer.	77	5	
19832	6	46.71	2	20	38	22.25	26	57	....	Tr.	70	54	
	7.8	46.46	7			22.54			37.7	Mer.	28	107	
	5	47.71	2			22.61			30.9	Tr.	133	14	
19833	9	46.74	1	20	38	23.79	25	1	9.8	Mu.	64	22	
	9	46.73	6			24.18			6.7	Mer.	69	54	
	10	47.66	3			24.22			....	Mer.	104	40	
	8	47.72	1			24.39			6.0	Mu.	134	30	
19834	8.9	46.77	6	20	38	29.10[7]	40	32	48.2	Mer.	73	5	[7] R. A. increased 1 min.
19835	8	46.66	2	20	38	30.60	35	55	....	Tr.	61	15	
19836	10	48.56	1	20	38	30.75	22	29	17.7	Mer.	135	16	
19837	7.8	46.72	7	20	38	32.33	43	33	10.0	Mer.	67	16	
19838	7	46.80	3	20	38	35.55	44	31	49.7	Mer.	77	6	
19839	8	46.72	2	20	38	35.58	34	7	....	Tr.	73	18	
19840	8	46.73	2	20	38	37.86	35	17	....	Tr.	75	29	
	9.10	46.70	1			37.92			43.4	Mu.	53	19	
19841	10	48.72	2	20	38	38.36	17	45	57.4	Mer.	149	39	
19842	9	46.71	2	20	38	39.72	26	52	....	Tr.	70	55	
19843	9	46.72	1	20	38	45.15	37	54	35.4	Mu.	60	18	
	10	46.71	1			45.45			36.6	Tr.	71	19	
19844	10	47.71	1	20	38	46.60	30	46	56.4	Tr.	134	38	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19845	8	51.67	5	20	38	49.58	19	9	54.2	Mer.	242	46	
	9	48.67	2			50.01			57.3	Mu.	201	53	
	9	48.59	3			50.15			....	Tr.	181	5	
	9	48.69	3			50.24			55.4	Tr.	193	17	
	9	48.63	1			50.52			....	Tr.	185	97	
19846	7	47.65	1	20	38	50.09	28	17	51.6	Mu.	128	99	
	5	47.70	2			50.64			52.3	Tr.	132	24	
	8	46.63	4			50.76			50.7	Mer.	55	50	
	7.8	46.70	3			50.84			53.2	Mer.	60	7	
	5	46.60	3			50.91			....	Tr.	52	59	
	8	47.70	2			51.07 [1]			52.0	Mer.	202	11	[1] R. A. increased 1 min. and two thread intervals.
19847	8	46.62	3	20	39	1.37	24	1	15.1	Mu.	46	14	
	9	48.67	2			1.52			13.4	Mu.	203	30	
	9	48.55	2			1.64			13.5	Mu.	184	14	
	9	48.63	2			1.75			10.1 [2]	Tr.	186	52	[2] Decl. changed one rev. south.
	8	48.62	1			1.77			12.4	Mer.	138	59	
19848	9	48.55	2	20	39	10.20	31	2	39.5	Mer.	134	137	
19849	8	46.46	3	20	39	13.38	31	58	....	Tr.	30	132	
19850	9	48.62	1	20	39	21.36	23	59	50.0	Mer.	138	60	
19851	10	48.74	2	20	39	26.05	16	48	....	Tr.	196	22	
19852	7	46.46	1	20	39	26.07	33	40	17.9	Tr.	27	30	
19853	8.9	46.72	2	20	39	26.31	37	19	37.2	Mu.	60	19	
19854	10	48.63	1	20	39	30.71	23	23	36.5	Mu.	193	43	
	9	48.55	2			31.05			34.1	Mu.	184	15	
	6	48.67	5			31.28 [3]			38.3	Mer.	148	87	[3] One thread decreased 10 sec. One of six threads rejected; R. A.=30^{s}.42.
19855	9	48.78	1	20	39	31.22 [4]	17	0	43.5	Mu.	208	4	
19856	8	47.45	1	20	39	34.63	27	32	25.8	Mu.	119	97	[4] R. A. decreased one thread interval.
19857	9.10	47.68	2	20	39	36.09	28	37	4.2	Mu.	130	54	
	9	46.53	3			36.34			5.6	Mer.	43	8	
	10	47.65	3			36.45			5.4	Mer.	199	74	
	9	47.68	1			36.58			4.2	Tr.	128	41	
19858	8	48.63	1	20	39	36.11	23	16	51.3	Mu.	193	44	
	6	48.67	3			36.14 [5]			51.3	Mer.	148	88	[5] Two of five threads rejected; R. A.=35^{s}.19, 35^{s}.33.
19859	8	48.62	3	20	39	38.62	19	48	25.4	Mu.	189	41	
	6	48.63	2			38.63			25.9	Mer.	141	66	
	8.9	48.60	2			39.23 [6]			24.8	Mer.	137	91	[6] One of three threads rejected; R. A.=38^{s}.24.
	10	48.67	1			39.67			30.4	Mu.	201	54	
19860	9	51.69	5	20	39	40.79	17	28	18.0	Tr.	272	27	
19861	8.9	48.79	2	20	39	41.11	16	53	....	Mer.	153	6	
	7	48.74	2			41.33			....	Tr.	196	23	
	6	51.69	5			41.38			37.3	Tr.	273	42	
	6	52.55	5			41.44			41.0	Tr.	283	21	
	8.9	48.78	2			41.92			36.7	Mu.	208	5	
19862	8	46.72	2	20	39	43. . . [7]	33	33	51.3	Mu.	59	3	[7] Separate threads give 44^{s}.20, 43^{s}.27.
	8	46.46	1			43.63			50.9	Tr.	27	31	
19863	10	47.71	1	20	39	44.27	29	29	....	Mer.	204	36	
	9	46.63	2			44.78			....	Tr.	59	42	
19864	10	48.59	2	20	39	44.86	22	37	20.7	Mer.	136	12	
	10	48.56	2			44.90			8.3 [8]	Mer.	135	17	[8] If micrometer reading be assumed as 32.455 instead of 32.755 rev., as recorded, Decl.= 18″.6.
	10	48.55	2			45.23			....	Tr.	179	17	
19865	8.9	48.79	1	20	39	45.48	17	3	....	Mer.	153	7	
	8.9	48.78	1			45.67 [9]			61.2	Mu.	208	6	[9] "Time of transit doubtful."
	6	52.55	4			46.66			62.5	Tr.	283	22	
	10	48.73	2			46.72			59.0	Tr.	195	19	
19866	8	51.68	4	20	39	45.65 [10]	17	17	4.4	Mer.	243	11	[10] One of five threads rejected; R. A.=46^{s}.36.
	8	48.72	2			46.18 [11]			4.8	Tr.	194	3	[11] One of three threads rejected; R. A.=45^{s}.39.
19867	9	48.55	2	20	39	46.67	31	13	29.6	Mer.	134	138	
	11	47.70	2			46.70 [12]			28.5	Tr.	130	19	[12] R. A. decreased 10 sec.
19868	9	48.63	2	20	39	53.09 [13]	18	44	....	Tr.	185	98	[13] R. A. decreased 1 min.
	9	48.69	1			53.14			54.9	Tr.	193	18	
	7	51.67	5			53.26			52.6	Mer.	242	47	
	6	51.68	5			53.29			53.8	Tr.	271	20	
	9	48.72	4			53.41			52.9	Mu.	205	47	
19869	8	47.45	1	20	39	53.20 [14]	27	33	22.7	Mu.	119	98	[14] Gou gives 55^{s}.2.
	8.9	46.52	2			55.20 [15]			21.4	Mer.	39	30	[15] R. A. increased one thread interval.
19870	9	51.68	5	20	39	54.11	18	44	62.2	Tr.	271	19	
	7	51.67	5			54.21			59.8	Mer.	242	48	
	9	48.72	4			54.66			60.2	Mu.	205	48	
19871	10	48.66	2	20	39	54.96	21	19	55.8	Mer.	144	22	
	10	48.55	2			55.16			58.8	Mer.	133	124	
	12	48.56	2			55.55			....	Tr.	180	44	
19872	7.8	47.71	3	20	39	55.29	29	34	53.4	Mu.	132	71	
	10	47.48	1			55.39			55.2	Tr.	125	77	
	8	46.63	3			55.45			....	Tr.	59	43	
	8	47.71	4			55.46 [16]			54.8	Mer.	204	35	[16] One of five threads rejected; R. A.=56^{s}.23.
	9	47.66	2			55.60			53.3	Tr.	126	64	
19873	9	46.73	4	20	40	5. . . [17]	29	50	9.7	Mu.	61	22	[17] Separate threads give 5^{s}.56, 4^{s}.88, 6^{s}.01, 4^{s}.32.
19874	8	51.82	5	20	40	5.94	15	27	18.3	Mu.	282	19	
19875	6.7	47.71	2	20	40	7.10	30	44	26.4	Tr.	134	39	
	7	47.61	3			7.19 [18]			26.2	Mer.	198	15	[18] One of four threads rejected; R. A.=7^{s}.96.
	7	47.46	6			7.33			25.7	Mu.	121	15	
	8	46.58	3			7.38			....	Tr.	49	26	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19876	8.9	46.72	2	20	40	12.95	37	24	21.6	Mu.	60	20	
19877	11	46.66	2	20	40	19.83	35	45	....	Tr.	61	16	
	12	46.73	2			20.21			....	Tr.	75	30	
19878	6.7	46.52	6	20	40	22.56	26	19	52.4	Mer.	35	11	
	6	46.72	6			22.66			54.0	Mer.	66	37	
	6.7	47.66	6			22.72			48.9	Mu.	129	40	
	7	47.68	6			22.76			49.2	Mer.	105	24	
	5	47.68	6			22.76			48.1	Mer.	201	2	
	5.6	46.71	4			22.79			49.5	Mu.	56	42	
	5	47.72	3			22.88			47.4	Mer.	205	6	
19879	8	46.63	2	20	40	24.17	28	53	54.3	Mu.	47	70	
	8.9	47.65	3			24.20			52.8	Mer.	199	75	
	9	46.53	5			24.28			51.4	Mer.	43	9	
	9	47.68	2			24.48			54.1	Tr.	128	42	
19880	9	46.46	3	20	40	25.16	26	53	27.6	Mer.	28	108	
	9	47.71	3			25.26			28.7	Tr.	133	15	
	9	47.71	5			25.40			29.8	Mer.	107	32	
	7	46.71	2			25.45			....	Tr.	70	56	
19881	9	46.72	2	20	40	25.18	34	28	....	Tr.	73	20	
19882	9	46.52	1	20	40	26.02	27	28	54.0	Mer.	39	31	
	8	47.45	1			26.25			54.1	Mu.	119	99	
	9	47.67	2			26.30			54.5	Tr.	127	12	
19883	8	46.73	3	20	40	26.28	24	36	27.7	Mer.	69	55	
19884	9.10	46.71	3	20	40	32.61	38	47	32.2	Mu.	57	3	
19885	9	46.54	6	20	40	33.72	43	2	23.8	Mer.	45	4	
19886	9	48.56	2	20	40	34.04	21	10	24.2	Mu.	185	13	
19887	5	46.72	2	20	40	35.10	34	19	....	Tr.	73	19	
19888	9	46.66	3	20	40	35.11[1]	36	6	36.4	Mu.	49	51	[1] R. A. decreased 1 min.
19889	9	46.62	2	20	40	42.31	24	30	....	Tr.	57	80	
19890	9	46.62	2	20	40	42.67	24	29	....	Tr.	57	81	
19891	..	47.68	2	20	40	45.41	26	21	7.8	Mer.	201	3	
19892	9	51.82	5	20	40	46.51	15	26	59.6	Mu.	282	20	
19893	9.10	47.66	2	20	40	46.95	26	21	26.9	Mu.	129	41	
	9	47.72	1			47.07			27.1	Mer.	205	7	
19894	9	46.69	2	20	40	47.07	33	33	....	Tr.	66	1	
	8	46.46	1			47.25			58.6	Tr.	27	32	
19895	9	48.72	1	20	40	47.66	18	46	12.4[2]	Mu.	205	49	[2] Decl. changed one rev. south.
19896	7	48.72	..	20	40	49...	18	35	8.2	Mu.	205	50	
	10	48.72	2			49.40			6.8	Mer.	149	40	
	4	51.67	4			49.71[3]			6.7	Mer.	242	49	[3] One of five threads rejected; R. A. $=49^{s}.32$.
	7	48.69	2			49.79			12.4	Tr.	193	19	
19897	9	51.69	5	20	40	56.40	17	10	37.8	Tr.	273	43	
19898	9.10	46.73	3	20	40	57.41	25	22	23.0	Mer.	68	55	
	9	47.59	5			57.97			28.4[4]	Mer.	196	53	[4] Decl. changed one wire interval north.
19899	8.9	46.77	5	20	41	2.10[5]	39	56	56.7	Mer.	73	6	[5] One of six threads rejected; R. A. $=2^{s}.82$.
19900	8	47.70	5	20	41	4.90[6]	27	55	8.0	Mer.	202	12[7]	[6] One thread decreased 10 sec. Two of seven threads rejected; R. A. $=5^{s}.71$, $3^{s}.72$.
	6	46.60	2			5.16			....	Tr.	52	60[8]	
	5	47.70	2			5.20			5.9	Tr.	132	25	[7] "First of double."
	8	46.70	4			5.21			6.4	Mer.	60	8	[8] "Brighter of double."
	7	46.52	3			5.32			6.7	Mu.	30	19	
	7	47.65	2			5.45			7.7	Mu.	128	100	
19901	9	47.65	1	20	41	6.81	27	54	59.4[9]	Mu.	128	101	[9] Decl. changed four rev. north.
19902	6	48.55	..	20	41	6...	30	58	34.0	Mer.	134	139	
	9	47.61	4			6...[10]			31.6[11]	Mer.	198	16	[10] Separate threads give $6^{s}.14$, $6^{s}.88$, $6^{s}.95$, $5^{s}.72$.
	10	46.58	2			6.84			....	Tr.	49	27	[11] Decl. changed one wire interval south.
	11	47.70	2			6.87			37.8	Tr.	130	20	
19903	9	48.59	1	20	41	7.67	22	26	44.6	Mu.	187	17	
	10	48.59	3			7.86			39.9	Mer.	136	13	
	9	48.55	1			7.99			....	Tr.	179	18	
	10	48.56	2			8.19			33.4[12]	Mer.	135	18	[12] Decl. changed one rev. north.
19904	10	48.55	2	20	41	8.50	21	9	23.3	Mer.	133	125	
19905	5.6	46.71	3	20	41	21.92	38	27	58.6	Tr.	71	20	
19906	6	46.46	1	20	41	23.04	32	16	35.6	Mu.	25	103	
	7	46.46	3			23.95			....	Tr.	30	133	
19907	9	46.70	3	20	41	23.96[13]	28	2	45.5	Mer.	60	9	[13] Two threads increased 10 sec. each.
19908	9	47.68	3	20	41	24.98[14]	28	33	42.3	Mu.	130	55	[14] One of four threads rejected; R. A. $=27^{s}.14$.
	9	47.65	2			25..[15]			47.7	Mer.	199	76	[15] Separate threads give $25^{s}.18$, $24^{s}.10$.
	9	46.53	2			25.15[16]			44.0	Mer.	43	10	[16] One of three threads rejected; R. A. $=24^{s}.16$.
	9	47.68	2			25.31			42.6	Tr.	128	43	
	9.10	46.63	2			25.35			44.2	Mer.	55	51	
19909	10	48.60	1	20	41	25.17	20	16	20.8[17]	Mer.	137	92	[17] Decl. changed six rev. south. CiZ gives 33″.
19910	10	47.48	2	20	41	25.88	29	34	15.0	Tr.	125	78	
	7.8	47.71	2			25.90			12.2	Mu.	132	72	
	7	46.63	2			25.98			....[18]	Tr.	59	44	[18] Decl. changed one rev. north.
	9	47.71	2			25.99			12.0	Mer.	204	37	
	9	47.66	2			26.07			12.4	Tr.	126	65	
	9	46.70	2			26.21			11.0	Mer.	58	14	
19911	9	47.71	2	20	41	27.20	29	22	46.2	Mer.	204	38	
	8	47.71	2			27.25			46.5	Mu.	132	73	
	10	46.70	2			27.31			44.6	Mer.	58	15	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19912	4	46.46	4	20	41	31.12	32	36	22.1	Mu.	25	102	
19913	8.9	46.71	3	20	41	33.64	38	49	17.8	Mu.	57	4	
19914	9	47.68	2	20	41	36. . .[1]	28	31	42.8[2]	Mu.	130	56	[1] One thread decreased 10 sec. Separate threads give $36^{s}.88$, $37^{s}.97$.
	9	47.65	1			36.90			46.7	Mer.	199	77	
	9.10	46.63	1			37.23			43.9	Mer.	55	52	[2] Micrometer rev. assumed.
19915	6	47.68	3	20	41	38.94	25	31	56.0	Tr.	129	16	
	7.8	46.73	5			38.98			57.1	Mer.	68	56	
	8	48.79	3			39.03			56.4	Mu.	209	6	
	8	46.72	2			39.17			54.5	Mer.	66	38	
	7	47.59	2			39.29			52.5	Mer.	196	54	
19916	8	46.66	5	20	41	48.58	41	27	42.2	Mer.	56	44	
	8.9	46.62	5			48.75			40.7	Mer.	53	10	
19917	9	46.54	4	20	42	0.19	43	7	29.1	Mer.	45	5	
19918	7	46.80	2	20	42	1.23	44	40	25.9	Mer.	77	7	
19919	9	46.71	2	20	42	5.32	26	46	....	Tr.	70	58	
	9	46.71	2			5.92			....	Tr.	70	57	
19920	11	46.66	2	20	42	6.78	35	44	....	Tr.	61	17	
19921	9	46.73	2	20	42	10.45	35	25	....	Tr.	75	31	
19922	10	48.60	3	20	42	13.55	21	51	....	Tr.	182	67	
	7	48.55	3			14.03			51.4	Mu.	182	109	
19923	9	48.63	1	20	42	17.49	26	8	18.8	Mu.	192	1	
	7	46.71	3			17.66			17.4	Mu.	56	43	
	9	47.68	6			17.68			20.0	Mer.	105	25	
	8	46.72	2			17.69			17.9	Mer.	66	39	
	7	47.68	1			17.69			18.4	Mer.	201	4	
	7	47.66	4			17.75			16.9	Mu.	129	42	
	8.9	46.52	7			17.83			18.9	Mer.	35	12	
	7	47.72	2			17.96			16.7	Mer.	205	8	
19924	10	48.63	2	20	42	17.72	18	47	....	Tr.	185	99	
	10	48.69	1			17.87			11.7	Tr.	193	20	
19925	8.9	46.71	2	20	42	24.31	38	43	9.6	Mu.	57	5	
19926	9	47.71	3	20	42	25.02	27	20	10.4[3]	Mer.	107	33	[3] Decl. changed ten rev. south.
19927	8.9	46.70	2	20	42	25.63	27	42	22.5	Mer.	60	10	
19928	7	48.72	3	20	42	28.93	17	50	45.1	Tr.	194	4	
19929	9	48.72	3	20	42	30.91[4]	18	18	48.4	Mer.	149	41	[4] R. A. decreased 1 min.
	7	51.68	5			31.08			49.7	Mu.	278	5	
19930	10	48.60	1	20	42	31.00	20	8	39.3	Mer.	137	93	
19931	9	46.69	2	20	42	31.28	33	10	....	Tr.	66	2	
	9	46.46	1			31.55			4.7	Tr.	27	33	
19932	6	47.70	2	20	42	32.66	30	20	14.1	Mu.	131	66	
	7.8	46.73	4			32.66			13.0	Mu.	61	23	
	7	47.71	2			32.67			8.6	Mer.	203	14	
	8	47.61	3			32.68[5]			15.3	Mer.	198	17	[5] One of four threads rejected; R. A. = $31^{s}.59$.
	7	47.71	2			32.74			11.6	Tr.	134	40	
	7	47.46	1			32.80			16.1	Tr.	122	97	
	7	47.46	4			33.02			12.1	Mu.	121	16	
19933	7	47.71	2	20	42	33.42[6]	29	59	37.3	Mer.	203	15	[6] Separate threads give $33^{s}.77$, $33^{s}.06$.
	7.8	46.73	3			33.65			39.1	Mu.	61	24	
	7	47.46	2			33.81			40.6	Tr.	122	96	
	6.7	47.70	2			34.04			41.0	Mu.	131	65	
19934	6	47.65	1	20	42	33.80	28	33	6.8	Mer.	199	78	
	6	47.65	1			33.88			10.3	Mu.	128	103	
	8	46.53	4			34.18			5.4	Mer.	43	11	
	6.7	47.70	2			34.24			10.7	Tr.	132	26	
	6.7	46.63	5			34.32			4.8	Mu.	47	71	
	5	46.60	2			34.37			....	Tr.	52	61	
	8	46.63	2			34.41[7]			3.6	Mer.	55	53	[7] R. A. increased 1 min.
	8	47.68	1			34.43			6.5	Mu.	130	57	
	7	47.68	2			34.46			4.9	Tr.	128	44	
19935	7	46.70	3	20	42	34.45	27	47	59.0	Mer.	60	11	
	7.8	47.70	2			34.57			58.2	Mer.	202	13	
	7	47.45	2			34.58			59.7	Mu.	119	100	
	8	46.52	2			34.63			57.9	Mer.	39	32	
	5	46.52	3			34.66			60.1	Mu.	30	20	
	6	47.65	2			34.87			60.6	Mu.	128	102	
19936	5.6	46.72	4	20	42	38.89	33	44	5.4	Mu.	59	4	
19937	10	48.73	4	20	42	39.71	16	58	11.3	Tr.	195	20	
	9	48.78	2			39.87			12.8	Mu.	208	7	
	6	51.69	5			40.00			14.0	Tr.	273	44	
	10	48.74	3			40.19			....	Tr.	196	24	
	9	48.79	4			40.34			....	Mer.	153	8	
19938	8	46.72	2	20	42	42.66	34	26	....	Tr.	73	21	
19939	10	48.56	2	20	42	45.66	22	28	41.2	Mer.	135	19	
	11	48.55	1			46.13[8]			....	Tr.	179	19	[8] R. A. increased one thread interval.
19940	11	48.56	1	20	42	48.91	21	35	....	Tr.	180	45	
19941	4	46.52	2	20	42	51.42[9]	27	28	34.3	Mu.	30	21	[9] One of three threads rejected; R. A. = $52^{s}.21$.
	5	46.71	2			51.48			32.2	Mer.	62	1	
	4	47.45	3			51.52			33.6	Mu.	119	101	
	4	47.67	4			51.62			33.4	Tr.	127	13	
	4	46.52	4			51.71			34.5	Mer.	39	33	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19942	10	46.73	2	20	42	54.77	39	27	....	Tr.	78	9	
19943	7	46.73	2	20	42	59.94	39	40	....	Tr.	78	10	
19944	7	51.68	5	20	43	1.45	18	3	40.9	Mu.	278	6	
19945	6	48.55	1	20	43	3.21	31	15	15.8	Mer.	134	140	
	8.9	46.61	4			3.32			16.2	Mu.	44	69	
	8	47.70	4			3.34			15.4[1]	Tr.	130	21	[1] Decl. changed one wire interval south.
	7.8	46.58	3			3.50			16.1	Mu.	40	28	
19946	9	46.46	3	20	43	5.23	31	57	....	Tr.	30	134	
19947	9	46.54	2	20	43	5.84	43	8	42.3	Mer.	45	6	
19948	10	48.66	1	20	43	10.16	20	49	48.2[2]	Mer.	144	23	[2] Decl. changed five rev. north.
19949	10	48.63	2	20	43	12.08	23	15	33.6	Mu.	193	45	
	9	48.67	2			12.10[3]			32.6[4]	Mer.	148	89	[3] R. A. increased 2 min.
19950	8	46.73	2	20	43	12.82	35	44	....	Tr.	75	32	[4] Decl. changed two wire intervals south.
	9	46.66	2			13.09			....	Tr.	61	18	
19951	9	46.63	2	20	43	17.76	29	27	....	Tr.	59	45	
19952	9	48.63	2	20	43	18.60	23	29	....	Tr.	186	53	
19953	9	47.68	1	20	43	19.66	28	58	2.0	Tr.	128	45	
19954	9	46.46	2	20	43	20.27	32	15	2.2	Mu.	25	104	
19955	9	48.67	2	20	43	22.19[5]	20	24	3.6	Tr.	190	26	[5] One of three threads rejected; R. A.=$23^{\mathrm{s}}.78$.
19956	9	46.73	2	20	43	28.64	24	42	59.5	Mer.	70	1	
	10	48.63	2			28.73			56.4	Mer.	140	1	
	9	46.62	2			29.10			....	Tr.	57	82	
	8	47.72	2			29.61			54.9	Mu.	134	31	
19957	10	48.74	2	20	43	30.52	17	4	....	Tr.	196	25	
19958	10	48.67	1	20	43	35.81	19	37	55.8	Mu.	201	55	
19959	10	46.46	1	20	43	36.78	33	19	0.4	Tr.	27	34	
19960	9	46.66	3	20	43	37.40	36	25	41.6	Mu.	49	52	
19961	9	48.60	2	20	43	40.69	20	12	2.6	Mer.	137	94	
	7.8	48.62	1			40.90			7.0[6]	Mu.	189	42	[6] Decl. changed five rev. north.
	9	48.66	2			41.17			4.3	Mu.	197	1	
19962	9	46.61	2	20	43	41.71	37	4	19.9	Tr.	56	40	
19963	9	48.60	2	20	43	42.05	21	47	....	Tr.	182	68	
	8	48.55	1			42.25			27.5	Mu.	182	110	
19964	8.9	46.66	3	20	43	43.04	41	38	1.6	Mer.	56	45	
19965	8	48.67	2	20	43	47.24	19	18	8.4	Mu.	201	56	
	7	48.63	3			47.31			7.7	Mer.	141	67	
	9	48.59	3			47.54			....	Tr.	181	6	
19966	9	46.70	1	20	43	52.08	35	13	9.3	Mu.	53	20	
19967	5.6	46.77	5	20	43	53.92	40	22	5.2	Mer.	73	7	
19968	7	46.46	3	20	43	57.15	32	4	....	Tr.	30	135	
19969	9	47.67	2	20	44	2.81	27	43	46.6[7]	Tr.	127	14	[7] Decl. changed ten rev. north.
	9	46.70	5			3.23			39.0	Mer.	60	12	
	9	46.71	2			3.30			42.4	Mer.	62	2	
	8	46.52	3			3.34			38.2	Mer.	39	34	
	8	47.45	2			3.37			41.5	Mu.	119	102	
19970	8	46.73	3	20	44	5.40	24	46	31.5	Mer.	70	2	
	7.8	47.72	2			5.52			28.2	Mu.	134	32	
	9	48.67	2			5.54			28.9	Mu.	203	31	
	7	46.73	5			5.62			25.7	Mer.	69	56	
	8	46.74	2			5.91			31.7	Mu.	64	23	
19971	9	47.71	2	20	44	8.37	30	43	27.4	Tr.	134	41	
19972	9	46.61	2	20	44	9.13	36	45	21.2	Tr.	56	41	
19973	6	48.63	2	20	44	12.51[8]	24	20	27.7	Mer.	140	2	[8] One of three threads rejected; R. A.=$13^{\mathrm{s}}.25$.
	8	48.67	2			12.71			29.7	Mu.	203	32	
	4	46.62	3			13.01			....	Tr.	57	83	
19974	5	48.55	3	20	44	14.30	31	16	45.7	Mer.	134	141	
	7	46.61	5			14.33			45.9	Mu.	44	70	
	7	47.70	2			14.42			47.3	Tr.	130	22	
	7	46.58	4			14.53			47.7	Mu.	40	29	
19975	9	46.63	2	20	44	18.21	28	35	6.8	Mer.	55	54	
	8.9	46.63	3			18.28			4.5	Mu.	47	72	
	9	47.68	1			18.28			4.3[9]	Tr.	128	46	[9] Decl. changed one wire interval south.
	7	46.60	2			18.36			....	Tr.	52	62	
	9	47.68	1			18.52			4.7	Mu.	130	58	
	9	46.53	7			18.54			5.2	Mer.	43	12	
	8	47.65	1			18.59			3.6	Mer.	199	79	
	8	47.70	2			18.73[10]			7.4	Mer.	202	14	[10] One of three threads rejected; R. A.=$17^{\mathrm{s}}.80$.
19976	10	48.73	1	20	44	24.14	16	43	23.1[11]	Tr.	195	21	[11] Decl. changed one wire interval south.
	9	48.74	2			24.38			....	Tr.	196	26	
	9	48.79	2			24.59			....	Mer.	153	9	
	6	51.69	5			24.64			28.8	Tr.	273	45	
	9	48.78	3			24.78			29.5	Mu.	208	8	
19977	9	48.72	2	20	44	27.57	18	7	7.6	Mer.	149	42	
19978	8	51.68	5	20	44	28.66	17	33	57.9	Mer.	243	12	
19979	10	48.55	3	20	44	31.37	21	15	7.6	Mer.	133	126	
19980	8	46.66	2	20	44	33.15	35	35	....	Tr.	61	19	
	8	46.73	2			33.36			....	Tr.	75	33	
19981	10	48.56	2	20	44	41.00	22	31	14.1	Mer.	135	20	
	10	48.59	1			41.10[12]			13.0[13]	Mer.	136	14	[12] R. A. increased 1 min.
	11	48.55	3			41.38			....	Tr.	179	20	[13] Decl. changed one rev. north.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
19982	8	46.77	6	20	44	51.59	40	29	33.5 [1]	Mer.	73	8	[1] Decl. changed five rev. south.
19983	9	46.69	2	20	44	53.85	33	24	....	Tr.	66	3	
	9	46.46	1			54.06			50.1	Tr.	27	35	
19984	9	48.67	3	20	44	54.68	22	59	19.1	Mer.	148	90	
	10	48.63	2			54.75			18.9	Mu.	193	46	
19985	8	48.67	1	20	44	58.83	19	40	34.3	Mu.	201	57	
	8	48.59	3			59.02			....	Tr.	181	7	
	8	48.66	2			59.08 [2]			32.2	Mu.	197	2	[2] R. A. decreased 5 min.
	..	48.63	2			59.12			35.5	Mer.	141	68	
19986	9	47.71	5	20	45	0.39	26	52	45.6	Mer.	107	34	
	8	46.46	4			0.44			41.0 [3]	Mer.	28	109	[3] Decl. changed one rev. north.
	7.8	47.74	5			0.57			42.7	Mu.	136	4	
	8	47.71	3			0.66			44.1	Tr.	133	16	
	6	46.71	2			0.67			....	Tr.	70	59	
19987	10	48.67	1	20	45	1.02	20	19	54.1	Tr.	190	27	
19988	9	46.72	2	20	45	2.33	37	27	24.5	Mu.	60	21	
19989	10	46.63	1	20	45	3.00	29	11	....	Tr.	59	46	
19990	10	46.69	2	20	45	3.56	33	16	....	Tr.	66	4	
19991	5	46.60	1	20	45	6.09	28	29	....	Tr.	52	63	
	6	47.65	3			6.11			16.3	Mer.	199	80	
	8	47.68	3			6.17			16.3	Mu.	130	59	
	8	46.63	2			6.28 [4]			17.3 [5]	Mer.	55	55	[4] R. A. decreased two thread intervals.
	7	46.63	3			6.30			15.5	Mu.	47	74	[5] "Somewhat doubtful about distance of this star." Decl. changed one wire interval north and five rev. south.
	4.5	47.70	1			6.34			14.1	Tr.	132	27	
	6.7	47.68	1			6.37			15.6	Tr.	128	47	
	7	47.70	2			6.39			17.4	Mer.	202	15	
	6	47.65	2			6.47			17.2	Mu.	128	104	
19992	11	48.69	2	20	45	11.12	18	56	47.2	Tr.	193	21	
	9	51.68	5			11.23			47.1	Tr.	271	21	
19993	8	48.63	2	20	45	11.. [6]	24	50	34.2	Mer.	140	3	[6] Separate threads give $12^{s}.35$, $11^{s}.51$.
	7.8	46.73	2			11.73			33.4	Mer.	70	3	
	6.7	47.72	2			12.00			35.5	Mu.	134	33	
	6.7	46.74	3			12.03			35.4	Mu.	64	24	
	8.9	46.73	7			12.09			33.0	Mer.	69	57	
	8	48.67	2			12.15			35.1	Mu.	203	33	
	9	47.66	4			12.29			.... [7]	Mer.	104	41	[7] Decl. changed five rev. north.
19994	11	48.72	1	20	45	14.67	17	26	44.3	Tr.	194	5	
19995	8	46.66	3	20	45	19.39	35	26	....	Tr.	61	20	
19996	8	47.68	2	20	45	27.28 [8]	26	24	65.1	Mer.	201	5	[8] One of three threads rejected; R. A.=$28^{s}.10$.
	8	47.72	2			27.88			59.9	Mer.	205	9	
19997	8	46.52	5	20	45	30.89 [9]	26	8	18.6	Mer.	35	13	[9] One thread decreased 10 sec.
	8	48.63	2			30.97 [10]			19.4	Mu.	192	2	[10] R. A. increased one thread interval.
	8.9	47.72	7			31.13			19.6	Mer.	66	40	
	9	47.66	4			31.19			17.5	Mu.	129	43	
	8	46.71	4			31.22			17.0	Mu.	56	44	
19998	..	48.63	1	20	45	32.91	19	33	31.8 [11]	Mer.	141	69	[11] Reduced for 36 instead of 66 rev., as recorded.
	8	48.67	1			32.98			33.8	Mu.	201	58	
19999	7.8	46.63	3	20	45	35.30	28	29	41.5	Mu.	47	73	
	7	47.70	1			35.37			42.0	Tr.	132	28	
	8	47.70	2			35.42			42.9	Mer.	202	16	
	7.8	47.68	3			35.48			43.1	Mu.	130	60	
	8	47.65	2			35.61			45.4	Mu.	128	105	
	7	47.65	2			35.66			46.1	Mer.	199	81	
	8.9	46.63	2			35.77 [12]			41.3	Mer.	55	56	[12] R. A. decreased two thread intervals.
20000	8	47.71	2	20	45	39.20 [13]	29	58	23.8	Mer.	203	16	[13] One of three threads rejected; R. A.=$40^{s}.36$.
	8.9	46.73	5			39.62			27.3	Mu.	61	25	
	9	47.46	1			39.73			26.8	Tr.	122	98	
	8	47.70	3			39.84			26.3	Mu.	131	67	
20001	10	48.60	1	20	45	44.76	22	1	....	Tr.	182	69	
20002	8	47.68	1	20	45	48.01	26	34	54.9	Mer.	201	6	
	8	47.72	1			48.40			51.4	Mer.	205	10	
	9	46.71	1			48.42			51.3	Mu.	56	45	
20003	9	47.71	1	20	45	56.45	29	55	41.6 [14]	Mer.	203	17	[14] Decl. changed five rev. north.
	9	46.73	4			56.82			40.2	Mu.	61	26	
20004	10	48.59	1	20	45	57.57	22	24	7.3 [15]	Mer.	136	15	[15] Decl. changed one wire interval north.
20005	7	48.63	1	20	46	0.02	19	24	56.5	Mer.	141	70	
20006	9	46.70	5	20	46	3.98	28	0	32.6	Mer.	60	13	
20007	12	48.56	3	20	46	5.32	21	30	....	Tr.	180	46	
	9	48.55	3			5.41			52.4	Mer.	133	127	
	9	48.56	2			5.44			51.5	Mu.	185	14	
	9	48.55	3			5.78			52.4	Mu.	182	111	
20008	8	47.61	2	20	46	5.87	30	42	19.6	Mer.	198	18	
	8	46.58	3			5.93			....	Tr.	49	28	
	9.8	47.71	2			6.11			16.4	Tr.	134	42	
	8	47.46	4			6.20			17.1	Mu.	121	17	
20009	8	47.68	1	20	46	6.03	29	3	21.3	Tr.	128	48	
	8	47.71	5			6.13			19.4	Mer.	204	39	
	8	47.71	3			6.32			20.6	Mu.	132	74	
	9	46.53	7			6.33			24.2	Mer.	43	13	
	9	46.70	3			6.59			18.2	Mer.	58	16	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20010	10	48.59	2	20	46	8. . .[1]	22	40	3.0	Mer.	136	16	[1] Separate threads give $8^{s}.93$, $8^{s}.11$.
	9	48.59	2			8.76			35.8[2]	Mu.	187	18	[2] If micrometer reading be assumed as 22.950 instead of 22.459 rev., as recorded, Decl.= 4″.4.
	10	48.56	3			9.21			0.0	Mer.	135	21	
	10	48.55	2			9.32			. . . .[3]	Tr.	179	21	
20011	11	48.69	1	20	46	11.27	18	42	53.8	Tr.	193	22	[3] Decl. changed one wire interval south.
20012	5	48.63	1	20	46	13.78	19	21	32.1	Mer.	141	71	
	8	48.59	3			14.18			. . . .	Tr.	181	8	
	7	48.67	2			14.36			33.4	Mu.	201	59	
20013	9	46.63	2	20	46	17.76	29	24	. . . .	Tr.	59	47	
20014	7	48.72	3	20	46	19.04	18	29	16.2	Mu.	205	51	
	8	48.63	2			19.05[4]			. . . .	Tr.	185	100	[4] One of three threads rejected; R. A.=$18^{s}.27$.
	8.9	48.72	4			19.11			20.6	Mer.	149	43	
	5	51.68	5			19.19			16.8	Mu.	278	7	
20015	10	48.79	1	20	46	19.54	25	46	42.9	Mu.	209	7	
20016	8	48.67	2	20	46	20.29	23	25	4.3	Mer.	148	91	
	9	48.63	3			20.37			3.6	Tr.	186	54	
	10	48.55	1			20.69			0.1	Mu.	184	16	
	8	46.62	1			21.05[5]			1.1	Mu.	46	15	[5] R. A. decreased one thread interval.
20017	9	48.63	1	20	46	20.54[6]	24	16	59.5[7]	Mer.	140	4	[6] R. A. increased 1 min.
20018	9	47.74	2	20	46	26. . .[8]	26	40	44.7	Mu.	136	5	[7] Decl. changed one wire interval north.
	9	47.68	1			26.45			46.3	Mer.	201	7	[8] Separate threads give $26^{s}.32$, $27^{s}.76$. Gou gives $26^{s}.5$.
	8	46.71	2			26.58			. . . .	Tr.	70	60	
	9	46.52	3			26.61[9]			43.3	Mer.	35	14	[9] One of four threads rejected; R. A.=$25^{s}.80$.
	9	47.71	4			27.30[10]			43.7	Tr.	133	17	[10] One thread increased 10 sec.
20019	9	46.58	2	20	46	27. . .[11]	31	27	41.6[12]	Mu.	40	31	[11] Separate threads give $28^{s}.20$, $27^{s}.07$.
	9	47.70	3			27.73			40.0	Tr.	130	23	[12] Decl. changed one rev. north.
	8.9	46.61	5			27.93			42.3	Mu.	44	71	
	7	48.55	5			27.94[13]			42.5	Mer.	134	142	[13] One of six threads rejected; R. A.=$27^{s}.22$.
20020	9	46.58	1	20	46	28.27	31	13	. . . .	Mu.	40	30[14]	[14] Unidentified. Looked for with equatorial but not found.
20021	8	46.73	2	20	46	30. . .[15]	24	48	4.1	Mer.	70	4	
	8.9	46.73	5			30.26			3.4	Mer.	69	58	[15] Separate threads give $30^{s}.45$, $29^{s}.64$.
	7.8	47.72	2			30.40			4.5	Mu.	134	34	
	8	46.74	2			30.87			7.4	Mu.	64	25	
20022	9	48.79	5	20	46	33.96	15	50	. . . .	Tr.	205	1	
	5	51.82	5			34.05			54.1	Mu.	282	21	
20023	8.9	47.71	2	20	46	36.74	30	41	30.7	Tr.	134	43	
	10	47.61	2			37.07			31.8	Mer.	198	19	
20024	10	46.72	2	20	46	36.92	34	33	. . . .	Tr.	73	22	
20025	9	48.59	2	20	46	37.07	22	41	21.9	Mu.	187	19	
	10	48.56	2			37.26			20.9	Mer.	135	22	
20026	7	46.46	2	20	46	37.13[16]	32	7	6.8	Mu.	25	105	[16] One of three threads rejected; R. A.=$36^{s}.14$.
	8	46.46	3			37.20			. . . .	Tr.	30	136	
20027	9	46.70	2	20	46	42.84	28	0	25.9	Mer.	60	14	
20028	10	48.74	2	20	46	44.99	16	41	. . . .	Tr.	196	27	
	9.10	48.78	1			45.40			45.4	Mu.	208	9	
20029	9.10	48.78	. .	20	46	51. . .	17	7	13.1	Mu.	208	11	
	6	51.69	5			51.92			12.1	Tr.	273	46	
20030	7.8	46.80	7	20	46	51.94	44	13	59.6	Mer.	77	8	
20031	9	46.72	4	20	46	52.71	37	54	13.8	Mu.	60	22	
	10	46.71	1			53.63			12.4	Tr.	71	21	
20032	9	51.69	5	20	46	55.49	17	14	5.9	Tr.	273	47	
20033	10	48.74	1	20	46	59.91	16	36	. . . .	Tr.	196	28	
	9.10	48.78	1			59.99			52.7	Mu.	208	10	
20034	8	46.69	2	20	47	1.15	33	20	. . . .	Tr.	66	5	
20035	10	48.67	2	20	47	4.06	20	23	8.3	Mer.	146	56	
	9	48.67	2			4.31			12.0	Tr.	190	28	
20036	8	47.71	2	20	47	8.85	29	38	15.5	Mu.	132	75	
	8.9	46.73	2			8.88			14.3	Mu.	61	27	
	7	47.70	2			9. . .[17]			20.2	Mu.	131	68	[17] Separate threads give $9^{s}.82$, $8^{s}.92$.
	8	47.71	2			9.13			14.4	Mer.	204	40	
	10	47.66	1			9.23			18.7	Tr.	126	66	
	9	46.70	4			9.34			15.1	Mer.	58	17	
20037	9.10	48.63	1	20	47	10.02	23	51	2.1	Tr.	186	55	
20038	9	48.67	1	20	47	12.54	19	8	57.6	Mu.	201	60	
	9	48.72	2			12.77			56.1	Mu.	205	52	
	9	48.69	2			13.01			55.5	Tr.	193	23	
	10	48.63	3			13.26			. . . .	Tr.	185	101	
20039	9	48.79	1	20	47	17.75	25	45	44.5	Mu.	209	8	
	9.10	46.73	3			17.91			43.7	Mer.	68	57	
	10	46.72	3			17.99			44.1	Mer.	66	41	
	10	47.68	3			18.00			40.4	Tr.	129	17	
	8	46.61	2			18.17			. . . .	Tr.	54	1	
20040	6	51.68	4	20	47	20.10[18]	17	40	47.0	Mer.	243	13	[18] One of five threads rejected; R. A.=$19^{s}.72$.
	6	51.69	5			20.03			51.0	Tr.	272	28	
20041	10	46.71	3	20	47	30.38	27	46	36.5	Mer.	62	3	
	9	46.70	3			30.44			37.4	Mer.	60	15	
20042	10	46.46	2	20	47	30.86	32	16	. . . .	Tr.	30	137	
20043	9	46.62	2	20	47	31.39[19]	24	30	. . . .	Tr.	57	84	[19] R. A. increased 1 min.
	8	48.63	2			31.42			52.3	Mer.	140	5	
20044	6	46.72	2	20	47	31.55	34	34	. . . .	Tr.	73	23	
20045	9.10	46.66	4	20	47	33.42	41	39	10.4	Mer.	56	46	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20046	9.10	46.71	1	20	47	34.70[1]	38	31	59.5	Mu.	57	6	[1] "Transit doubtful." R. A. increased 1 min. and 20 sec.
20047	8	51.82	5	20	47	37.70	15	52	20.4	Mu.	282	22	
20048	7	51.69	5	20	47	42.06	17	48	48.1	Tr.	272	29	
	6	51.68	5			42.09			46.2	Mu.	278	8	
	6	51.68	5			42.16			47.6	Mer.	243	14	
	9	48.72	3			42.25			44.0	Mer.	149	44	
20049	4	46.80	2	20	47	43.39	44	39	38.8	Mer.	77	9	
20050	10	48.66	1	20	47	50.77[2]	21	9	15.0	Mer.	144	24	[2] R. A. decreased 1 min.
20051	5	46.71	2	20	47	51.79	26	51	....	Tr.	70	61	
	6.7	46.46	7			51.91			53.4	Mer.	28	110	
	7	47.71	5			51.98			53.7	Mer.	107	35	
	6.7	47.74	4			52.03			51.3	Mu.	136	6	
	5	47.71	3			52.15			49.9	Tr.	133	18	
20052	10	47.67	2	20	47	54.65[3]	27	44	58.1	Tr.	127	15	[3] R. A. decreased 20 sec.
20053	10	46.71	2	20	47	55.02	27	49	25.9	Mer.	62	4	
20054	9.10	47.71	1	20	47	58.33	30	45	3.8	Tr.	134	44	
20055	7	48.59	2	20	48	11.57	22	34	34.1	Mu.	187	20	
	9	48.59	2			11.66			36.9	Mer.	136	17	
	9	48.56	2			11.84			34.4	Mer.	135	23	
20056	10	48.67	1	20	48	13.97	20	36	2.5	Mer.	146	57	
20057	8	46.73	2	20	48	14.95	24	45	58.4	Mer.	70	5	
	9	46.73	4			15.37			57.5	Mer.	69	59	
	8	47.72	3			15.58			62.1	Mu.	134	35	
20058	8	48.63	2	20	48	16.63	24	14	4.8	Mer.	140	6	
20059	9.10	47.68	2	20	48	19.66	28	54	46.7	Mu.	130	61	
	9	46.53	7			19.93			47.8	Mer.	43	14	
	8	47.65	4			20.00			47.0	Mer.	199	82	
	9	46.63	3			20.11			47.1	Mu.	47	75	
	9	47.68	2			20.19			46.9	Tr.	128	49	
20060	7	51.78	5	20	48	22.46	16	25	20.5	Mu.	281	1	
20061	9	48.72	3	20	48	28.66	18	5	20.1	Mer.	149	45	
20062	8	48.63	1	20	48	30.50	24	25	4.7	Mer.	140	7	
	8	46.62	3			30.57[4]			....	Tr.	57	85	[4] R. A. decreased one thread interval.
	8.9	48.67	4			30.58			3.2	Mu.	203	34	
20063	8.9	46.66	3	20	48	33.94	41	33	56.8	Mer.	56	47	
	9	46.62	5			34.14			53.6	Mer.	53	11	
20064	9	47.45	2	20	48	35.75[5]	27	37	51.2	Mu.	119	103	[5] R. A. increased 1 min.
	10	47.54	2			35.80			53.9	Mer.	195	136	
20065	8	46.72	2	20	48	36.81	34	13	....	Tr.	73	24	
20066	8	47.70	2	20	48	41.51	28	19	3.5	Mer.	202	17	
	8	47.65	2			41.55			2.6	Mu.	128	106	
	8.9	47.70	2			41.59			3.4	Tr.	132	29	
	9	46.63	2			41.60			4.3	Mer.	55	57	
	8	46.70	3			41.74			7.0	Mer.	60	16	
	8	46.60	3			41.74			....	Tr.	52	64	
20067	9	48.63	3	20	48	41.55	19	21	21.2	Mer.	141	72	
	11	48.59	2			41.87			....	Tr.	181	9	
20068	9	48.78	2	20	48	47.28	16	44	42.4	Mu.	208	12	
	10	48.74	2			47.39			....[6]	Tr.	196	29	[6] Decl. changed one wire interval south.
	6	51.69	5			47.60			42.5	Tr.	273	48	
	10	48.79	3			47.85			....	Mer.	153	10	
20069	8	46.73	2	20	48	51. . .[7]	25	3	43.1[8]	Mer.	70	6	[7] Separate threads give $50^s.93$, $52^s.19$.
	7.8	47.72	2			51.03			40.4	Mu.	134	36	[8] Decl. changed one rev. north.
	9	46.73	3			51.22			42.3	Mer.	69	60	
	7.8	46.73	2			51.48			40.1	Mer.	68	59	
	9	47.66	4			51.60			....	Mer.	104	42	
20070	9	48.79	1	20	48	52.27[9]	25	27	33.0	Mu.	209	9	[9] R. A. increased one thread interval.
	9	47.68	3			52.35			30.1	Tr.	129	18	
	9	47.59	3			52.70			31.6	Mer.	196	55	
	7	46.61	3			52.82			....	Tr.	54	2	
	9	46.73	2			52.86			31.7	Mer.	68	58	
20071	8	46.71	2	20	48	52.88	26	48	....	Tr.	70	62	
	9	47.74	3			52.96			43.0	Mu.	136	7	
	9	47.71	1			53.15			44.7[10]	Tr.	133	19	[10] Decl. changed two wire intervals south.
20072	10	48.63	1	20	48	53.44	18	25	....	Tr.	185	102	
20073	10	48.67	1	20	49	0.28	20	36	44.5	Mer.	146	58	
	10	48.67	1			0.54			41.9[11]	Tr.	190	29	[11] Decl. changed one rev. south.
20074	9	51.69	5	20	49	2.48	17	1	13.5	Tr.	273	49	
20075	8	46.73	2	20	49	5.28	25	8	21.0	Mer.	70	7	
	9	46.73	2			5.46[12]			18.2	Mer.	69	61	[12] One of three threads rejected; record doubtful.
	9	46.73	2			5.54[13]			17.3	Mer.	68	60	[13] R. A. decreased two thread intervals
	8	47.72	1			5.82			18.3	Mu.	134	37	
20076	12	47.70	2	20	49	7.06	31	11	19.5	Tr.	130	24	
20077	9	48.55	2	20	49	7.58	22	7	42.9[14]	Mu.	182	112	[14] Decl. changed one rev. north.
20078	9	48.63	4	20	49	8.65[15]	19	16	35.7	Mer.	141	73	[15] R. A. decreased 1 min. Three threads increased 5 sec. each.
20079	10	48.55	1	20	49	14.28	21	47	32.3	Mu.	182	113	
20080	7	48.78	3	20	49	16.29	16	36	19.3	Mu.	208	13	
	8.9	48.79	3			16.37			....	Mer.	153	11	
	7	48.74	1			16.41			....	Tr.	196	30	
	8	48.73	2			16.46[16]			18.8	Tr.	195	22	[16] One of three threads rejected; R. A.$=15^s.61$.
	5	51.78	5			16.50			19.0[17]	Mu.	281	2	[17] Decl. changed five rev. south.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20081	9	46.46	3	20	49	17.18	32	16	41.6	Mu.	25	106	
	8	46.46	2			17.32 [1]			....	Tr.	30	138	[1] Minute assumed.
20082	10	48.67	1	20	49	20.70	20	38	36.3	Mer.	146	59	
	8	48.67	1			21.60			35.3	Tr.	190	30	
20083	9	48.63	3	20	49	21.97	23	31	53.8	Tr.	186	56	
	8.9	48.67	4			22.01			50.3	Mer.	148	92	
20084	9	46.71	2	20	49	23.69	26	55	....	Tr.	70	63	
20085	7	51.69	5	20	49	38.51	17	0	40.0	Tr.	273	50	
20086	8	51.82	5	20	49	42.08	15	44	8.1	Mu.	282	23	
	9	48.79	4			42.33			....	Tr.	205	2	
20087	10	47.68	1	20	49	42.47	28	48	56.5	Tr.	128	50	
20088	11	46.60	1	20	49	45.25	27	54	....	Tr.	52	65	
20089	9	48.72	4	20	49	47.28	17	16	5.4	Tr.	194	6	
20090	9	47.72	2	20	49	51.60 [2]	26	34	56.3	Mer.	205	11	[2] One of three threads rejected; R. A.=50^s.78.
	9	46.52	4			51.67 [3]			56.5	Mer.	35	15	[3] One of five threads rejected; R. A.=50^s.91.
	9	46.71	3			51.68			57.4	Mu.	56	46	
	9	46.46	5			51.79			57.9	Mer.	28	111	
	8	47.68	6			51.97			56.4	Mer.	201	8	
	10	48.63	2			52.09 [4]			55.1	Mu.	192	3	[4] Separate threads give 52^s.45, 51^s.73.
20091	7	51.69	5	20	49	54.88	17	35	32.3	Tr.	272	30	
	7	51.68	5			54.91			28.3	Mer.	243	15	
20092	9	46.70	4	20	50	4.91	27	49	34.0	Mer.	60	17	
	10	46.71	3			5.05			35.2	Mer.	62	5	
20093	10	48.67	1	20	50	6.69	20	53	16.3 [5]	Mer.	146	60	[5] Decl. changed one wire interval north.
	10	48.66	1			7.67			18.6	Mer.	144	25	
20094	6	46.72	2	20	50	9.64	34	11	....	Tr.	73	25	
	7	46.72	2			9.65 [6]			17.2	Mu.	59	5	[6] Separate threads give 10^s.01, 9^s.29.
20095	9	46.71	1	20	50	12.02 [7]	25	56	48.7	Mu.	56	47	[7] R. A. decreased one thread interval.
	8	47.59	2			12.41			53.8	Mer.	196	56	
	8	47.72	1			12.49			50.7	Mer.	205	12	
	7	46.61	2			12.89			....	Tr.	54	3	
	9	47.66	3			12.95			50.3	Mu.	129	44	
	9	46.72	3			13.00			50.4	Mer.	66	42	
	9	48.79	3			13.19			51.3	Mu.	209	10	
20096	7	47.46	2	20	50	17.51	31	5	16.1	Mu.	121	18	
	7	47.61	1			17.66			16.6	Mer.	198	20	
	6	48.55	3			17.71			17.3	Mer.	134	143	
	8	46.61	5			17.81			14.5	Mu.	44	72	
	8	47.70	4			17.82 [8]			17.6	Tr.	130	25	[8] R. A. decreased 1 min.
	7	46.58	2			17.86			....	Tr.	49	29	
20097	9.10	48.78	..	20	50	20...	16	59	14.8	Mu.	208	14	
20098	8	46.66	3	20	50	29.23	35	24	....	Tr.	61	21	
20099	10	48.55	2	20	50	30.03	31	8	47.4	Mer.	134	144	
20100	7	46.61	3	20	50	30.75	36	42	21.4	Tr.	56	42	
	7	46.66	5			30.79			21.0	Mu.	49	53	
20101	8	48.63	2	20	50	31.35	19	29	24.7	Mer.	141	74	
	9	48.59	3			31.74			.... [9]	Tr.	181	10	[9] Decl. changed one wire interval north.
	8.9	48.67	1			31.82			21.0	Mu.	201	61	
20102	8	51.78	5	20	50	33.15	16	17	31.2	Mu.	281	3	
20103	7	46.80	5	20	50	33.97	44	1	31.5 [10]	Mer.	77	10	[10] Decl. changed ten rev. south.
20104	10	48.63	1	20	50	35.95	18	26	....	Tr.	185	104	
	10	48.63	1			35.96			.... [11]	Tr	185	103	[11] Decl. changed one rev. north.
	11	48.69	2			36.03			13.6	Tr.	193	24	
	9.10	48.72	2			36.15			20.5	Mer.	149	46	
20105	8	46.52	4	20	50	36.15	27	35	33.8	Mu.	30	22	
	9	47.67	2			36.26			33.7	Tr.	127	16	
	9	46.71	2			36.36			32.2	Mer.	62	6	
	9	47.54	3			36.36			34.2	Mer.	195	137	
	8	46.52	5			36.43			33.5	Mer.	39	35	
	8	47.45	3			36.47 [12]			31.3	Mu.	119	104	[12] One of four threads rejected; R. A.=35^s.13.
20106	9	48.56	2	20	50	48... [13]	21	1	....	Tr.	180	47	[13] Separate threads give 48^s.77, 47^s.13.
	9	48.56	2			48.28			17.0	Mu.	185	15	
	9	48.66	3			48.51			20.3	Mer.	144	26	
20107	9	47.71	1	20	50	50.97	29	32	58.1	Mu.	132	76	
	10	46.63	2			51.13			....	Tr.	59	48	
	9	47.71	2			51.18 [14]			58.4	Mer.	204	41	[14] One of three threads rejected; R. A.=52^s.14.
	10	46.70	3			51.44			56.2	Mer.	58	18	
20108	9	46.66	5	20	50	51.70	41	45	23.6	Mer.	56	48	
20109	7	46.70	3	20	50	52.10	34	48	47.4	Mu.	53	21	
20110	9	46.62	2	20	50	57.23	24	27	....	Tr.	57	86	
	9	48.63	3			57.60 [15]			25.8	Mer.	140	8	[15] R. A. increased 1 min.
20111	10	48.55	2	20	50	57.74	31	9	39.1	Mer.	134	145	
20112	10	47.46	1	20	51	0.14	30	3	21.3	Tr.	122	99	
	8	47.70	2			0.48			18.3	Mu.	131	69	
	9	46.73	3			0.70			16.7	Mu.	61	28	
	8	47.71	2			0.71			17.0	Mer.	203	18	
20113	9	48.72	3	20	51	1.33	17	27	26.9	Tr.	194	7	
	6	51.69	5			1.37			29.9	Tr.	272	31	
	7	51.68	5			1.42			29.0	Mer.	243	16	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20114	6.7	48.67	3	20	51	4.01	19	36	46.2	Mu.	201	62	
	6	48.63	1			4.28			47.8	Mer.	141	75	
20115	9	48.66	2	20	51	7.95	21	3	7.2	Mer.	144	27	
20116	9	48.55	3	20	51	18.02	22	11	....	Tr.	179	22	
	9	48.59	2			18.62			6.8	Mer.	136	18	
	10	48.55	1			19.13			9.3	Mu.	182	114	
20117	8	48.67	4	20	51	18.04[1]	23	16	60.3	Mer.	148	93	[1] One of five threads rejected; R. A.=$17^{s}.26$.
	9	48.63	2			18.04			59.5	Mu.	193	47	
20118	7	46.60	3	20	51	21.98	27	55	....	Tr.	52	66	
	7.8	46.70	5			22.05			11.4	Mer.	60	18	
	7.8	47.65	3			22.05			12.1	Mu.	128	107	
	6	47.70	2			22.17			13.8	Tr.	132	30	
	8	47.70	5			22.22			12.3[2]	Mer.	202	18	[2] Decl. changed one wire interval north.
20119	8	48.67	3	20	51	22.72	23	19	50.9	Mer.	148	94	
	11	48.63	1			23.03			49.1	Mu.	193	48	
20120	8	46.61	2	20	51	25.80	36	38	15.5	Tr.	56	43	
	8	46.66	3			25.85			14.8	Mu.	49	54	
20121	8	46.73	2	20	51	26.78	39	18	....	Tr.	78	11	
20122	10	48.67	1	20	51	27.48	20	33	25.9	Mer.	146	61	
	9	48.67	2			28.00			29.4	Tr.	190	31	
20123	9	46.72	2	20	51	27.91	34	30	....	Tr.	73	26	
20124	10	48.56	1	20	51	30.32	22	54	33.9	Mer.	135	24	
20125	8	51.68	5	20	51	32.54	17	52	7.6	Mu.	278	9	
20126	10	48.63	1	20	51	35.80	19	36	21.5	Mer.	141	76	
20127	9	48.63	3	20	51	36.84	23	49	29.5	Tr.	186	57	
20128	8	46.72	2	20	51	38.87	33	32	21.6	Mu.	59	6	
20129	8	47.71	2	20	51	39.99	29	21	56.1	Mu.	132	77	
	8	46.63	2			40.39			....	Tr.	59	49	
	9	47.71	1			40.40			55.1	Mer.	204	42	
20130	9	47.68	1	20	51	46.10	28	54	4.6	Mu.	130	62	
	9	46.53	7			46.44			4.8	Mer.	43	15	
	9	47.68	2			46.45			3.7	Tr.	128	51	
20131	10	48.55	1	20	51	48.09	31	20	16.8	Mer.	134	146	
20132	10	46.69	2	20	51	49.87	33	15	....	Tr.	66	6	
20133	6	46.66	3	20	51	51.92	35	45	....	Tr.	61	22	
20134	7	51.82	5	20	51	52.76	15	41	40.8	Mu.	282	24	
	10	48.79	2			53.38			....	Tr.	205	3	
20135	10	48.79	1	20	51	54.76	16	29	....	Mer.	153	12	
20136	9	46.71	3	20	51	57.07	27	37	45.7	Mer.	62	7	
	8.9	46.52	3			57.09			46.0	Mer.	39	36	
	9	47.54	3			57.22			43.7	Mer.	195	138	
20137	7	47.46	1	20	51	58.49	30	18	34.7	Tr.	122	100	
	7	47.71	2			58.87			31.6	Tr.	134	45	
	8	46.73	3			58.90			31.2[3]	Mu.	61	29	[3] Decl. changed one rev. north.
	7.6	47.70	3			58.99			31.6	Mu.	131	70	
	7	47.71	2			59.04[4]			32.7	Mer.	203	19	[4] R. A. decreased two thread intervals.
	7	47.46	2			59.23			30.0	Mu.	121	19	
	7	47.61	1			59.40			30.6	Mer.	198	21	
20138	9	47.68	1	20	51	59.26	28	48	33.6	Mu.	130	63	
	9	47.68	1			59.60			33.0	Tr.	128	52	
	9	46.53	7			59.79			31.9	Mer.	43	16	
20139	9	51.78	5	20	52	1.27	16	20	25.6	Mu.	281	4	
20140	8	47.70	1	20	52	1.50	30	19	49.6	Mu.	131	71	
	7.8	47.71	2			1.91			49.9	Tr.	134	46	
	8	47.71	2			2.16[5]			51.5	Mer.	203	20	[5] R. A. decreased 1 min. and two thread intervals.
	8.9	46.73	3			2.36			49.8	Mu.	61	30	
	8	47.61	1			2.39			50.6	Mer.	198	22	
20141	10.11	47.72	2	20	52	2.16	26	6	55.5	Mer.	205	13	
	9	47.68	4			2.44			51.4[6]	Mer.	105	26	[6] Decl. changed ten rev. south.
	9	47.68	4			2.47			56.4	Mer.	201	9	
20142	9.10	48.78	1	20	52	2.89	16	56	56.1	Mu.	208	15	
	10	48.74	1			3.12			....	Tr.	196	31	
20143	8.9	46.54	7	20	52	3.07	42	39	43.5	Mer.	45	7	
20144	10	47.71	2	20	52	3. . .[7]	29	27	20.7	Mer.	204	43	[7] Separate threads give $2^{s}.26$, $3^{s}.37$.
	8.9	47.71	2			3.11			23.2	Mu.	132	78	
20145	4	46.46	4	20	52	4.79	32	50	25.0	Mu.	25	107	
20146	10	48.72	1	20	52	8.10	18	14	27.5	Mer.	149	47	
20147	6.7	46.72	2	20	52	10.95	33	28	39.7	Mu.	59	7	
	5	46.69	2			11.07			....[8]	Tr.	66	7	[8] Decl. changed one wire interval north.
20148	10	47.68	1	20	52	12.02[9]	28	45	12.0	Tr.	128	53	[9] R. A. decreased one thread interval.
20149	10	48.67	2	20	52	20.07	20	29	55.4	Mer.	146	62	
	9	48.60	1			20.08			56.4	Mu.	188	61	
	8	48.67	2			20.44			57.4	Tr.	190	32	
20150	7	46.72	5	20	52	21.98	37	9	28.7	Mu.	60	23	
	8	46.61	1			22.00			30.4	Tr.	56	44	
20151	9	47.70	2	20	52	22.86	28	17	23.0	Mer.	202	19	
	7	47.70	1			23.23			25.1	Tr.	132	31	
	9	46.70	3			23.37[10]			26.0	Mer.	60	19	[10] One thread decreased one thread interval.
	7.8	47.65	1			23.59			22.9	Mu.	128	108	
	9	46.63	2			23.92			24.2	Mer.	55	58	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20152	8	47.72	2	20	52	23.79	24	53	34.5	Mu.	134	38	
20153	6	51.68	5	20	52	24.84	18	6	44.8	Mu.	278	10	
	8	48.72	3			25.03			45.2	Mer.	149	48	
20154	9	48.63	2	20	52	32.86	23	27	35.3	Mu.	193	49	
	9	48.55	2			33.13			36.3	Mu.	184	17	
	8	48.67	2			33.22[1]			29.9	Mer.	148	95	[1] One of three threads rejected; R. A.=$32^{s}.44$.
20155	7	47.70	2	20	52	34.30[2]	28	23	16.9	Mer.	202	20	[2] One of three threads rejected; R. A.=$35^{s}.45$.
	8	47.68	1			34.74			13.4	Mu.	130	64	
	7	47.65	1			34.90			13.3	Mu.	128	109	
	7	46.60	3			34.94			....	Tr.	52	67	
	8	46.63	2			34.99[3]			11.6	Mu.	47	76	[3] One of three threads rejected; R. A.=$35^{s}.87$.
	5	47.70	1			35.12			12.9	Tr.	132	32	
	7	46.70	3			35.27			15.6	Mer.	60	20	
	8	46.63	2			35.53			10.3	Mer.	55	59	
20156	8.9	48.55	2	20	52	42. . .[4]	23	39	40.2	Mu.	184	18	[4] Separate threads give $41^{s}.41$, $42^{s}.22$.
	7	48.63	3			42.17			38.7	Tr.	186	58	
20157	9	46.72	2	20	52	48.93	34	38	....[5]	Tr.	73	27	[5] Decl. changed two rev. south.
	8	46.70	2			49.15			4.5	Mu.	53	22	
20158	7	46.71	5	20	52	49.03	39	6	31.9	Mu.	57	7	
20159	9	47.71	1	20	52	49.91	30	52	8.2	Tr.	134	47	
	9	46.58	2			50.13			....	Tr.	49	30	
20160	6.7	46.71	4	20	52	50.40	27	27	47.7	Mer.	62	8	
	6	47.45	5			50.41			49.6	Mu.	119	105	
	5	46.52	2			50.45			47.0	Mer.	39	37	
	4	46.52	4			50.47			50.3	Mu.	30	23	
	8	47.67	2			50.77			53.3	Tr.	127	17	
	7	47.54	2			51.00[6]			46.9	Mer.	195	139	[6] One of three threads rejected; R. A.=$49^{s}.55$.
20161	10	48.67	2	20	52	55.11	19	29	64.1	Mu.	201	63	
	9	48.63	2			55.46			59.2	Mer.	141	77	
	10	48.59	3			55.54			....	Tr.	181	11	
20162	6	46.62	2	20	52	57.28	24	22	....	Tr.	57	87	
	9	48.63	3			57.69			55.4	Mer.	140	9	
20163	10	48.72	3	20	53	5.58	17	26	14.3	Tr.	194	8	
	7	51.69	5			5.85			21.9	Tr.	272	32	
20164	10	48.67	1	20	53	9.74	23	9	49.1	Mer.	148	96	
20165	9.10	48.79	3	20	53	11.47	17	1	....	Mer.	153	13	
	8	48.78	4			11.83			9.5	Mu.	208	16	
	10	48.73	2			11.87[7]			25.6[8]	Tr.	195	23	[7] One of three threads rejected; R. A.=$12^{s}.70$.
	9	48.74	3			11.90			....	Tr.	196	32	[8] If micrometer reading be assumed as 7.25 instead of 7.55 rev., as recorded, Decl.=10″.4. AG gives 12″.
20166	8	46.66	3	20	53	17.88	35	53	....	Tr.	61	23	
	9	46.66	2			18.19			56.7[9]	Mu.	49	55	
20167	7	51.82	5	20	53	18.65	15	17	47.8	Mu.	282	25	[9] Decl. changed one rev. north.
	9	48.79	4			19.28			....	Tr.	205	4	
20168	7	46.73	2	20	53	19.68	39	40	....	Tr.	78	12	
20169	5	46.73	2	20	53	22.14	39	12	....	Tr.	78	13	
	7	46.71	4			22.37			49.2	Mu.	57	8	
20170	9	51.68	5	20	53	24.48	18	44	22.0	Tr.	271	22	
	11	48.69	2			24.49			21.1	Tr.	193	25	
	10	48.63	1			24.62			....	Tr.	185	105	
20171	9	48.55	1	20	53	30.06	21	54	58.8	Mu.	182	115	
20172	9	46.61	3	20	53	30. . .[10]	31	22	3.9	Mu.	44	73	[10] Separate threads give $31^{s}.24$, $32^{s}.35$, $41^{s}.71$.
	9	48.55	3			30.83			5.5	Mer.	134	147	
	10	47.70	3			30.92			1.3	Tr.	130	26	
20173	9	46.73	1	20	53	41.95	25	12	35.7	Mer.	70	8	
	9	46.73	7			42.25			33.7	Mer.	69	62	
20174	10	48.67	2	20	53	42.10[11]	20	55	10.4	Mer.	146	63	[11] One of three threads rejected; R. A.=$43^{s}.16$. CiZ gives $43^{s}.1$.
	10	48.67	2			42.63			12.7	Tr.	190	33	
	9.10	48.66	2			42.74			13.8[12]	Mer.	144	28	[12] Decl. changed one rev. north.
	10	48.56	2			43.58			....	Tr.	180	48	
	10	48.56	1			43.84			5.2[13]	Mu.	185	16	[13] Reduced for 51.552 not 05.552 rev., as recorded. If decimal of micrometer reading be assumed as .352 instead of .552 rev., as recorded, Decl.=17″.8.
20175	7.8	47.72	1	20	53	42.60	25	27	34.4	Mu.	134	39	
	8.9	46.73	2			42.61			39.8	Mer.	68	61	
	8	47.68	3			42.74			39.0[14]	Tr.	129	19	
	7	46.61	3			42.78			....	Tr.	54	4	[14] Decl. changed two rev. north.
	9	48.79	1			42.88			40.1	Mu.	209	11	
20176	7	46.69	2	20	53	44.15	33	10	....	Tr.	66	8	
20177	6.7	47.46	1	20	53	54.67	29	41	49.7	Tr.	122	101	
	7	46.73	4			54.74			47.9	Mu.	61	31	
	6.7	47.71	3			54.78			48.0	Mu.	132	79	
	6	47.71	2			54.92			47.9	Mer.	203	21	
	5	46.63	2			55.02			....	Tr.	59	50	
	7	47.70	2			55.03			50.0	Mu.	131	72	
	6	47.71	2			55.14			45.5	Mer.	204	44	
	6	46.70	3			55.24			50.6	Mer.	58	19	
20178	10	48.55	2	20	53	55.33	22	54	....	Tr.	179	23	
20179	7	51.68	5	20	53	56.12	17	53	46.5	Mu.	278	11	
	6	51.68	5			56.26			52.5	Mer.	243	17	
20180	10	48.66	1	20	53	58.56	21	1	10.7	Mer.	144	29	
20181	9	48.63	1	20	54	0.01	18	33	....	Tr.	185	106	
20182	10	48.72	1	20	54	0.42	18	11	20.0	Mer.	149	49	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20183	8	47.70	2	20	54	12. . .[1]	28	18	61.0	Mer.	202	21	[1] Separate threads give $12^{s}.63$, $11^{s}.59$.
	6.7	46.70	6			12.74			65.1	Mer.	60	21	
	4	47.70	2			12.87			63.4	Tr.	132	33	
	5	46.60	3			12.92			....	Tr.	52	68	
	6	47.65	3			13.03			62.1	Mu.	128	110	
	7	46.63	3			13.31			58.5	Mer.	55	60	
20184	10	48.79	3	20	54	13.18	16	3	....	Tr.	205	5	
	7	51.78	5			13.26			30.0	Mu.	281	5	
20185	6	48.63	2	20	54	13.36	19	50	6.3[2]	Mer.	141	78	[2] Decl. changed one wire interval south.
	8.9	48.60	4			13.37			7.0	Mer.	137	95	
	8	48.66	3			13.61			5.2	Mu.	197	3	
20186	9	48.59	1	20	54	21.70	22	33	14.7	Mu.	187	21	
	9	48.59	3			22.43			17.5	Mer.	136	19	
	9.10	48.56	4			22.64			15.2	Mer.	135	25	
20187	9.10	48.78	2	20	54	23.80	16	57	47.5	Mu.	208	17	
20188	7	48.79	2	20	54	28.82	25	39	41.9	Mu.	209	12	
	8	46.72	7			28.84			43.7	Mer.	66	43	
	7.8	46.73	6			28.98			42.9	Mer.	68	62	
	7	46.61	3			29.06			....	Tr.	54	5	
20189	10	47.68	1	20	54	29.44	26	29	50.1	Mer.	201	10	
20190	9	51.68	5	20	54	29.57	18	59	39.4	Tr.	271	23	
20191	9	46.53	3	20	54	30.14	29	17	23.9	Mer.	43	17	
20192	9	48.55	3	20	54	34.50	31	18	32.6	Mer.	134	148	
	12	47.70	3			34.57			27.3	Tr.	130	27	
20193	9	48.60	2	20	54	35.23	19	54	10.1	Mer.	137	96	
20194	11	48.69	2	20	54	35.32	18	48	24.6	Tr.	193	26	
20195	9	47.68	2	20	54	37.06	28	29	37.9	Tr.	128	54	
	9	47.65	3			37.08			38.7	Mer.	199	83	
20196	10	46.71	1	20	54	38.28	38	7	5.3	Tr.	71	22	
20197	9	48.56	2	20	54	45.89	22	7	32.3	Mer.	135	26	
	11	48.60	2			45.91			....	Tr.	182	70	
	9	48.55	2			46.40			30.0	Mu.	182	116	
20198	10	47.72	2	20	54	46. . .[3]	25	55	41.7	Mer.	205	14	[3] R. A. increased 1 min. Separate threads give $46^{s}.73$, $45^{s}.75$. CPD gives $46^{s}.0$.
20199	8	48.67	2	20	54	47.14	20	18	42.6	Tr.	190	34	
20200	9	46.66	2	20	54	51.58	35	24	....	Tr.	61	24	
20201	8.9	48.72	4	20	54	53.21[4]	18	3	23.6	Mer.	149	50	[4] Minute assumed.
20202	7	51.82	5	20	54	53.67	15	25	14.1	Mu.	282	26	
20203	7	48.67	3	20	54	56.91	23	13	37.2	Mer.	148	97	
20204	10	47.54	2	20	54	58.46	27	37	45.5	Mer.	195	140	
	9.10	46.71	3			58.54			47.4	Mer.	62	9	
20205	7	46.73	7	20	55	1.85	24	54	39.1	Mer.	69	63	
	7.8	46.73	4			2.00			38.3	Mer.	70	9	
	10	47.66	4			2.01			....	Mer.	104	43	
	6.7	47.72	2			2.20			36.5	Mu.	134	40	
20206	7	47.71	3	20	55	10.25	29	44	7.1	Mer.	203	22	
	8	47.71	2			10.58			5.9	Mu.	132	80	
	8	47.70	2			10.69[5]			4.2	Mu.	131	73	[5] One thread decreased 10 sec.
	8	46.73	3			10.76			4.8	Mu.	61	32	
	8	46.70	4			10.78			6.2	Mer.	58	20	
	9	47.46	1			10.82			5.8	Tr.	122	102	
	7.8	47.71	3			10.92			5.0	Mer.	204	45	
20207	9.10	48.66	2	20	55	16.87	21	20	13.1	Mer.	144	30	
	9	48.56	1			17.35			....	Tr.	180	49	
	9	48.56	2			17.44			12.9	Mu.	185	17	
20208	7	47.65	1	20	55	24.29	28	7	19.7	Mu.	128	111	
	9	47.70	2			24.52			17.3	Mer.	202	22	
	9	46.70	6			24.59			19.0	Mer.	60	22	
	7	47.70	2			24.59			20.0	Tr.	132	34	
	8	46.60	1			24.72			....	Tr.	52	69	
20209	7	48.69	2	20	55	33.18	18	42	3.0	Tr.	193	27	
	8	48.63	2			33.38			....	Tr.	185	107	
	8	48.72	3			33.39			3.5	Mu.	205	53	
	7	51.68	5			33.39			1.3	Tr.	271	24	
20210	9	47.71	5	20	55	34.78	27	19	34.1	Mer.	107	36	
	8	46.77	4			34.81			36.1	Mer.	71	1	
	9	46.71	3			34.82			35.8	Mer.	62	10	
	8.9	46.52	3			34.92			34.4	Mer.	39	38	
	8	47.45	2			35.05			33.4	Mu.	119	106	
	8	46.52	2			35.08			35.7	Mu.	30	24	
	9	47.54	1			35.10			31.1	Mer.	195	141	
20211	5	46.80	7	20	55	35.92	44	6	41.7	Mer.	77	11	
20212	10	47.68	1	20	55	37.12	26	9	61.9	Mer.	201	11	
	9	47.68	4			37.34			53.5	Mer.	105	27	
	9	47.72	1			37.52			58.3	Mer.	205	15	
	11	48.63	1			37.94			61.6	Mu.	192	4	
20213	7	46.72	5	20	55	38.30	37	49	9.7	Mu.	60	24	
20214	9	48.72	2	20	55	43.53	19	6	51.6	Mu.	205	54	
	9	48.67	3			43.68			53.0	Mu.	201	64	
	8	48.63	3			43.78			50.8	Mer.	141	79	
	10	48.59	4			43.82[6]			....	Tr.	181	12	[6] One thread increased 10 sec.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20215	10	48.59	..	20	55	45...	22	46	11.9	Mer.	136	20	
20216	4.5	48.67	3	20	55	51.48	20	26	41.0	Tr..	190	35	
	7.8	48.67	4			51.71			41.4	Mer.	146	64	
	4	48.60	5			52.13			39.4	Mu.	188	62	
20217	7	46.69	2	20	55	51.96	33	25	....	Tr.	66	9	
20218	10	48.74	2	20	55	57.58	17	1	....	Tr.	196	33	
	8.9	48.78	3			57.60			9.5	Mu.	208	18	
	9.10	48.79	4			58.06			....	Mer.	153	14	
20219	8	46.69	3	20	55	59.69[1]	32	56	14.3	Mu.	52	1	[1] One of four threads rejected; R. A.=$58^{s}.89$.
20220	10	47.68	1	20	56	4.85	29	5	9.5	Tr.	128	55	
20221	9	51.78	5	20	56	10.17	16	13	39.4	Mu.	281	6	
20222	9	47.72	1	20	56	10.52	26	13	54.9	Mer.	205	16	
20223	9	46.71	2	20	56	11.17	26	45	....	Tr.	70	64	
20224	10	48.67	1	20	56	11.61	23	5	34.5	Mer.	148	98	
20225	9	48.63	4	20	56	11.83	24	12	25.2	Mer.	140	10	
	10	48.67	2			11.96[2]			25.7	Mu.	203	35	[2] R. A. increased 5 min.
20226	10	48.56	2	20	56	22.89	22	20	62.3[3]	Mer.	135	27	[3] If micrometer reading be assumed as 50.982 instead of 50.682 rev., as recorded, Decl.= 52″.0. Mū$_1$ gives 54″. CiZ gives 53″.
	11	48.55	2			23.10			....	Tr.	179	24	
20227	9	47.71	2	20	56	23.32	30	53	54.5	Tr.	134	48	
	9	46.58	2			23.34			....	Tr.	49	31	
	8	48.55	2			23.48			54.8	Mer.	134	149	
	10	47.61	2			23.73			64.3	Mer.	198	23	
20228	6	48.72	4	20	56	24.73[4]	17	45	22.6	Tr.	194	9	[4] Gou gives $25^{s}.8$.
	6	51.68	5			25.85			18.8	Mer.	243	18	
	7	51.69	5			25.85			21.6	Tr.	272	33	
20229	8	46.72	1	20	56	32.44	34	4	25.5[5]	Mu.	59	8	[5] Decl. changed five rev. south.
20230	10	46.61	1	20	56	34.35	36	51	10.1	Tr.	56	45	
20231	10	48.60	2	20	56	35.85	21	46	....[6]	Tr.	182	71	[6] Decl. changed one rev. north.
	10	48.55	1			36.11			59.1[7]	Mu.	182	117	[7] Decl. changed one rev. south.
20232	7.6	46.66	4	20	56	39.10	41	58	48.9[8]	Mer.	56	49	[8] Decl. changed one rev. north.
20233	10.	48.66	3	20	56	39.65	20	42	18.7	Mer.	144	31	
	9	48.67	2			39.98			20.1	Mer.	146	65	
20234	6	51.69	5	20	56	41.52	16	48	30.7	Tr.	273	51	
	10	48.74	2			41.67			....	Tr.	196	34	
	9	48.78	2			41.80[9]			31.4	Mu.	208	19	[9] One of three threads rejected; R. A.=$41^{s}.08$.
	9.10	48.79	2			42.53[10]			....	Mer.	153	15	[10] One of three threads rejected; R. A.=$41^{s}.46$.
20235	9	47.71	1	20	56	42.78[11]	29	43	15.6	Mu.	132	81	[11] R. A. increased one thread interval.
	10	46.63	2			43.00			....	Tr.	59	51	
20236	10	46.73	3	20	56	43.53	25	20	39.1	Mer.	68	63	
	10	48.79	2			44.50			42.3	Mu.	209	13	
20237	8	46.69	2	20	56	45.20	33	26	....	Tr.	66	10	
	8	46.72	1			45.25			17.7	Mu.	59	9	
20238	9.10	46.66	3	20	56	50.64	41	58	44.0	Mer.	56	50	
20239	9	46.71	2	20	56	51.24	38	10	56.6	Tr.	71	23	
20240	6	47.61	4	20	56	56.87[12]	30	42	59.3	Mer.	198	24	[12] Last two threads increased 1 sec. each. Separate threads as recorded give $57^{s}.01$, $56^{s}.82$, $55^{s}.95$, $55^{s}.70$.
	5	46.58	3			56.89			....	Tr.	49	32	
	5.6	47.71	3			56.98			57.4	Tr.	134	49	
	6	47.46	4			57.13			60.8	Mu.	121	20	
20241	9	48.63	3	20	56	57.21	23	28	8.3	Tr.	186	59	
20242	6	46.70	4	20	57	4.39	35	13	26.4	Mu.	53	23	
20243	10	47.70	2	20	57	5.69	31	37	52.6	Tr.	130	28	
	8	46.46	3			5.74			....	Tr.	30	139	
	8	48.55	3			5.82			46.6	Mer.	134	150	
20244	10	48.56	2	20	57	7.86	21	32	....	Tr.	180	50	
20245	10	46.71	1	20	57	9.29	38	9	45.6	Tr.	71	24	
20246	9	51.69	5	20	57	9.79	17	37	28.2[13]	Tr.	272	34	[13] One transit thread rejected; Decl.=13″.8.
20247	4	46.46	4	20	57	13.64	32	56	15.0	Mu.	25	108	
	4	46.69	2			13.66			....	Tr.	66	11	
	6	46.69	4			13.91			14.1	Mu.	52	2	
20248	9	46.73	7	20	57	14.82	24	47	17.3	Mer.	69	64	
	9	48.63	1			15.01			9.3	Mer.	140	11	
	10	47.66	1			15.33			....[14]	Mer.	104	44	[14] Decl. changed one rev. north.
20249	5	51.82	5	20	57	19.06	15	29	57.4	Mu.	282	27	
	10	48.79	3			19.30			....	Tr.	205	6	
20250	10	47.68	2	20	57	21.66	28	36	26.1	Tr.	128	56	
20251	4	48.72	2	20	57	30.30	17	49	31.8	Tr.	194	10	
	7.8	48.72	6			30.31[15]			29.7	Mer.	149	51	[15] R. A. increased 10 sec.
	5	51.68	5			30.50			31.4	Mu.	278	12	
	4	51.69	5			30.52			17.7[16]	Tr.	272	35	[16] If times of transit be increased 1 sec., Decl.= 32″.0. No chronograph tape found.
	4	51.68	5			30.70			32.1	Mer.	243	19	
20252	10	46.73	2	20	57	39.10	39	30	....	Tr.	78	14	
20253	9	46.66	3	20	57	39.43	35	39	....	Tr.	61	25	
20254	9	46.66	4	20	57	40.89	36	27	61.7	Mu.	49	56	
	9	46.70	2			41.61			58.5	Mu.	55	1	
20255	8.9	46.71	4	20	57	42.69[17]	38	38	44.2	Mu.	57	9	[17] R. A. increased one thread interval.
20256	8	46.60	3	20	57	55.31	28	15	....	Tr.	52	70	
	9	46.70	5			55.37			38.3	Mer.	60	23	
	7.8	47.65	3			55.53			34.8	Mu.	128	112	
	9	47.70	4			55.63			34.6	Mer.	202	23	
20257	..	48.63	1	20	57	55.47	24	11	....	Mer.	140	12	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20258	7	46.73	2	20	57	56.40	39	17	....	Tr.	78	15	
20259	8	46.73	5	20	57	57.07	30	10	52.3	Mu.	61	33	
	10	47.46	1			57.10			56.4	Tr.	122	103	
	8	47.70	4			57.18			50.2	Mu.	131	74	
	8	47.71	3			57.29			48.9	Mer.	203	23	
20260	9	46.54	4	20	57	57.29	42	50	34.4	Mer.	45	8	
20261	9	47.68	1	20	57	57.31	29	2	47.9	Tr.	128	57	
	8.9	47.71	1			57.47			44.1	Mu.	132	82	
	8	47.71	3.			57.47[1]			44.9	Mer.	204	47	[1] One of four threads rejected, R. A.=58s.17.
	9	47.65	2			57.97			46.3	Mer.	199	84	
20262	9	51.69	5	20	57	58.22	17	8	33.5	Tr.	273	52	
20263	10	48.59	1	20	57	59.63	22	36	21.1	Mer.	136	21	
20264	8	47.72	3	20	58	4.27	26	9	35.7	Mer.	205	17	
	8.9	47.66	4			4.52			34.8	Mu.	129	45	
	7	46.71	3			4.66			36.2	Mu.	56	48	
	8	47.68	6			4.66			33.6	Mer.	201	12	
	9	46.72	2			4.68			34.1	Mer.	66	44	
	8	47.68	3			4.71			32.6	Mer.	105	28	
	9	48.63	3			4.80			34.4	Mu.	192	5	
	8.9	46.52	6			4.80			33.2	Mer.	35	16	
20265	9	46.73	2	20	58	6.01	25	14	57.0	Mer.	68	64	
	8	46.73	3			6.06			57.6	Mer.	70	10	
	9	46.73	4			6.18			54.6	Mer.	69	65	
	7.8	47.72	3			6.27			49.5	Mu.	134	41	
20266	9	48.66	2	20	58	8.28	20	46	35.5	Mer.	144	32	
	7	48.67	2			8.39			36.6	Tr.	190	36	
	9	48.67	2			8.52			33.5	Mer.	146	66	
	7	48.60	4			8.83[2]			35.1	Mu.	188	63	[2] One of five threads rejected; R. A.=8s.10.
20267	7	46.62	2	20	58	8. . .[3]	23	48	47.2	Mu.	46	16	[3] Separate threads give 9s.37, 8s.54.
	6	48.63	2			8.49			48.4	Tr.	186	60	
	8.9	48.55	3			8.68[4]			48.3	Mu.	184	19	[4] One of four threads rejected; R. A.=9s.39.
20268	6	51.69	5	20	58	17.60	17	8	19.7	Tr.	273	53	
	9.10	48.78	2			17.72			21.4	Mu.	208	20	
20269	10	48.60	2	20	58	17.82	20	18	2.3	Mer.	137	97	
	10	48.66	1			18.03			5.4	Mu.	197	4	
20270	9	47.70	1	20	58	19.67	27	58	48.5	Tr.	132	35	
20271	7	46.62	3	20	58	20.53	23	44	51.3	Mu.	46	17	
	8.9	48.55	2			20.83			50.1	Mu.	184	20	
20272	4	46.73	4	20	58	20.73	25	36	7.7	Mer.	68	65	
	6	48.79	3			20.76			6.0	Mu.	209	14	
	5	46.72	2			20.76			9.5	Mer.	66	45	
	4	46.61	4			20.84			....	Tr.	54	6	
	4	47.68	3			20.94			6.3	Tr.	129	20	
	3	47.59	7			21.00			10.7	Mer.	196	57	
20273	9	46.72	1	20	58	20.85	37	51	50.6	Mu.	60	25	
20274	9.10	48.66	1	20	58	26.82	20	39	49.3	Mer.	144	33	
20275	9	51.78	5	20	58	27.61	16	10	11.6	Mu.	281	7	
20276	6	47.70	1	20	58	27.98	27	53	16.6	Tr.	132	36	
	7	47.70	2			28. . .[5]			17.4	Mer.	202	24	[5] Separate threads give 28s.42, 27s.55.
	8	46.52	4			28.09			20.4	Mu.	30	25	
	7.8	46.70	5			28.13			15.7	Mer.	60	24	
	8.9	46.71	5			28.17			20.9	Mer.	62	11	
	7	47.45	3			28.22[6]			16.9	Mu.	119	107	[6] One of four threads rejected; R. A.=29s.59.
	7	46.52	3			28.32			22.5	Mer.	39	39	
	8	47.54	3			28.35[7]			20.2	Mer.	195	142	[7] R. A. increased 30 sec.
	6.7	47.65	2			28.42			18.7	Mu.	128	113	
20277	7	46.70	3	20	58	31.79	34	47	46.9	Mu.	53	24	
	8	46.72	2			31.94			....	Tr.	73	28	
20278	8	47.70	2	20	58	35.94[8]	31	39	37.6	Tr.	130	29	[8] R. A. decreased one thread interval.
	6.7	48.55	3			35.94			36.8	Mer.	134	151	
	8	46.46	2			35.98			....[9]	Tr.	30	140	[9] Decl. changed one wire interval north.
	7	46.61	5			36.00			34.9	Mu.	44	74	
20279	10	48.59	3	20	58	37.32	19	17	....	Tr.	181	13	
	7	48.63	2			37.45			60.3	Mer.	141	80	
	9	48.67	1			37.88			59.2	Mu.	201	65	
20280	8.9	46.72	1	20	58	40.25	37	38	43.3	Mu.	60	26	
20281	11	48.66	..	20	58	43. . .	20	4	57.2	Mu.	197	5	
	10	48.60	1			43.63			53.5	Mer.	137	98	
20282	9	48.56	3	20	58	45.38	21	5	....	Tr.	180	51	
	9	48.56	2			45.65			54.8	Mu.	185	18	
20283	6	51.78	5	20	58	51.72	16	20	22.8	Mu.	281	8	
20284	8	48.78	2	20	58	51.93	17	1	10.6	Mu.	208	21	
	7	51.69	5			52.32			12.1	Tr.	273	54	
	9	48.79	3			52.47[10]			....	Mer.	153	16	[10] R. A. decreased 1 min.
	9	48.74	2			52.71			....	Tr.	196	35	
20285	10	46.66	2	20	58	57.27	35	52	....	Tr.	61	26	
20286	7	48.67	3	20	58	59.27[11]	19	41	3.1	Mu.	201	66	[11] R. A. decreased one thread interval.
	5	48.63	3			59.31			5.1	Mer.	141	81	
20287	10	48.74	2	20	59	4.27	17	4	....	Tr.	196	36	
	9	48.78	1			4.50			51.6	Mu.	208	22	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20288	8.9	48.72	3	20	59	7.80	18	34	36.2	Mu.	205	55	
	9	48.69	3			7.93			29.7	Tr.	193	28	
	8	48.63	4			8.07			....	Tr.	185	108	
	6	51.68	5			8.08			32.0	Tr.	271	25	
20289	7.8	46.72	4	20	59	13.11[1]	37	50	35.6	Mu.	60	27	[1] One thread decreased 10 sec.
20290	8	47.71	1	20	59	15.31	29	35	6.3	Mu.	132	83	
	9	46.63	2			15.50			....	Tr.	59	52	
	9	47.71	2			15.63[2]			10.0	Mer.	204	48	[2] R. A. decreased 1 min.
20291	10	48.66	1	20	59	15.80	20	38	5.9	Mer.	144	34	
	9	48.67	2			16.48			5.9	Tr.	190	37	
	9	48.67	2			16.49			6.9	Mer.	146	67	
20292	9	48.55	2	20	59	16.65[3]	22	56	....	Tr.	179	25	[3] One thread decreased one thread interval.
	9	48.55	1			16.70			3.1	Tr.	176	1	
	9	48.59	2			16.77[4]			1.1	Mer.	136	22	[4] One of three threads rejected; R. A. = $15^{\mathrm{s}}.92$.
	8	48.67	7			16.77			2.6	Mer.	148	99	
	8.9	48.63	3			16.79			2.9	Mu.	193	50	
20293	8	46.72	2	20	59	17.86	34	7	....	Tr.	73	29	
	8	46.72	2			18.01[5]			57.4	Mu.	59	10	[5] One of three threads rejected; R. A. = $17^{\mathrm{s}}.25$.
20294	8	51.68	5	20	59	18.65	18	3	12.3	Mu.	278	13	
	9	48.72	6			18.82			15.0	Mer.	149	52	
20295	8.9	46.69	3	20	59	22.33	32	26	9.3	Mu.	52	3	
	9	46.46	1			22.80			11.8	Mu.	25	109	
20296	9	48.63	1	20	59	31.53	19	35	7.4	Mer.	141	82	
20297	..	48.63	1	20	59	32.12	19	31	30.2	Mer.	141	83	
20298	9	47.74	1	20	59	34.71[6]	27	6	3.4	Mu.	136	9	[6] "Time of transit doubtful."
	10	47.71	2			36.97			3.5[7]	Mer.	107	38	[7] Decl. changed eleven rev. south.
	9	46.71	2			36.99			....	Tr.	70	65	
	9.10	46.77	2			37.34			1.8	Mer.	71	2	
20299	6	51.78	5	20	59	37.14	16	13	25.6	Mu.	281	9	
20300	8.7	46.77	3	20	59	37.71	27	12	30.1	Mer.	71	3	
	9	46.71	2			37.74			31.3	Mer.	62	12	
	9	47.74	2			37.87			28.2	Mu.	136	8	
	9	47.71	3			37.96			25.4	Mer.	107	37	
	9.8	46.46	4			37.99			29.8	Mer.	28	112	
	9	47.71	2			38.03			26.5	Tr.	133	20	
	8	46.71	2			38.03			....	Tr.	70	66	
20301	8	46.73	4	20	59	42.61	30	8	3.5	Mu.	61	34	
	8	47.71	3			42.61			0.6	Mer.	203	24	
	8	47.70	2			42.69			3.0[8]	Mu.	131	75	[8] Decl. changed ten rev. south.
20302	7	46.62	2	20	59	47.50	24	48	....	Tr.	57	88	
	9	47.66	2			47.53[9]			....	Mer.	104	45	[9] One of three threads rejected; R. A. = $46^{\mathrm{s}}.56$.
	8	47.76	5			47.54			19.9	Mer.	109	1	
	6.7	46.73	7			47.54			18.9	Mer.	69	66	
	9	48.63	3			47.63			20.2	Mer.	140	13	
	7	46.73	5			47.63			19.3	Mer.	70	11	
	8.9	48.67	3			47.67			20.2	Mu.	203	36	
	6.7	47.72	4			47.73			18.3	Mu.	134	42	
20303	7.8	46.71	2	20	59	48.13	38	32	9.4	Tr.	71	25	
	7.8	46.71	5			48.14			8.4	Mu.	57	10	
20304	7	51.68	5	20	59	49.24	17	19	37.3	Mer.	243	20	
	8	48.72	3			49.36			40.6	Tr.	194	11	
	7	51.69	5			49.47			31.1	Tr.	272	36	
20305	9	46.58	2	20	59	51.64	30	38	....	Tr.	49	33	
	11	46.73	2			51.90			46.1	Tr.	77	1	
	9	47.71	2			51.93			42.3	Tr.	134	50	
	10	47.61	2			52.37			43.3	Mer.	198	25	
20306	7	46.72	1	20	59	56.00	37	18	12.1	Mu.	60	28	
	7.8	46.72	1			56.42			17.2	Tr.	74	1	
	8.7	46.61	2			56.52			14.2	Tr.	56	46	
20307	5	48.60	6	20	59	57.49	21	47	....	Tr.	182	72	
	5	48.55	4			57.65			33.5	Mu.	182	118	
20308	8	48.59	2	20	59	58.84	22	17	1.5[10]	Mu.	187	22	[10] Decl. changed one rev. south.
20309	6	47.71	1	21	0	0.30	29	4	28.6	Mer.	204	49	
	7	47.65	5			0.62			27.7	Mer.	199	85	
	7	46.63	5			0.63			29.0	Mu.	47	77	
	7.8	47.68	2			0.66[11]			28.1	Mu.	130	65	[11] Two of four threads rejected; record doubtful.
	8	46.53	5			0.69			25.3	Mer.	43	18	
	6.7	47.71	1			0.74			26.7	Mu.	132	85	
	6.7	47.68	2			0.77			30.8	Tr.	128	58	
	7	46.70	6			0.84			26.0	Mer.	58	21	
	8	46.56	6			0.90			23.1	Mer.	46	1	
20310	11	47.70	3	21	0	0.64	31	27	51.7	Tr.	130	30	
	8	48.55	3			0.83			51.9	Mer.	134	152	
20311	11	46.63	2	21	0	6.99	29	40	....	Tr.	59	53	
	8.9	47.71	1			7.12[12]			58.2	Mu.	132	84	[12] R. A. decreased 1 min.
20312	7	51.82	5	21	0	7.02	15	30	20.7[13]	Mu.	282	28	[13] Decl. changed eight rev. north.
	10	48.79	4			7.43[14]			....	Tr.	205	7	[14] One of five threads rejected; R. A. = $5^{\mathrm{s}}.98$.
20313	9	47.54	2	21	0	7.66[15]	27	36	31.9	Mer.	195	143	[15] R. A. decreased 40 sec.
20314	9.10	48.55	2	21	0	8.09	23	31	53.0	Mu.	184	21	
	8	48.67	1			8.37			55.3	Mer.	148	100	
	8	48.63	1			8.44			54.6[16]	Tr.	186	61	[16] Decl. changed one wire interval north.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20315	8	46.46	1	21	0	12.58	32	37	36.5	Mu.	25	110	
	8	46.69	1			13.14			38.4	Mu.	52	4	
20316	8	46.52	3	21	0	13. . .[1]	27	42	36.4	Mu.	30	26	[1] Separate threads give $12^{s}.77$, $13^{s}.36$, $14^{s}.03$.
	8	47.54	3			13.57[2]			32.9	Mer.	195	144	[2] R. A. decreased 40 sec.
	8	46.74	2			13.71			34.8	Mu.	65	1	
	8	46.70	4			13.72			35.0	Mer.	60	25	
	7.8	46.71	2			13.79			34.6	Mer.	62	13	
	8	46.52	5			13.94			38.9	Mer.	39	40	
20317	4.5	46.80	7	21	0	16.39	43	59	13.4	Mer.	77	12	
20318	9	48.59	2	21	0	21.01[3]	19	19	....	Tr.	181	14	[3] One thread decreased one thread interval.
	8	48.63	1			21.11			45.6	Mer.	141	84	
	9	48.67	2			21.18			45.8	Mu.	201	67	
20319	8	47.65	2	21	0	21.91	28	42	33.0	Mer.	199	86	
	9	46.53	4			22.37			37.3	Mer.	43	19	
	9	46.56	4			22.46			35.1	Mer.	46	2	
20320	8	47.72	3	21	0	22.37	26	12	40.5	Mer.	205	18	
	8	47.68	2			22.55			36.3	Mer.	201	13	
20321	9	47.68	2	21	0	23.59[4]	25	23	13.4	Tr.	129	21	[4] One of three threads rejected; R. A.=$22^{s}.30$.
	9	47.59	3			23.79			14.3	Mer.	196	58	
	8.9	46.73	3			23.90			12.1	Mer.	68	66	
	9	48.79	3			23.98			12.9	Mu.	209	15	
	8	46.61	3			24.01			....	Tr.	54	7	
20322	7	47.82	1	21	0	29.47	24	13	48.8	Mu.	142	1	
	8	48.63	3			29.57			50.0	Mer.	140	14	
	8	48.67	2			29.57			49.9	Mu.	203	37	
	6	46.62	2			29.63			....	Tr.	57	89	
20323	6	48.56	3	21	0	41.61[5]	20	47	80.0[6]	Mu.	185	19	[5] R.A. decreased 1 min. and one thread interval. As recorded R. A. $=1^{m}\ 58^{s}.09$.
	7	48.60	4			41.95			48.1	Mu.	188	64	
	7	48.67	2			42.14			52.6	Tr.	190	38	[6] If micrometer reading be assumed as 58.456 instead of 57.956 rev., as recorded, Decl.= 48″.5.
	9	48.67	2			42.15			41.6	Mer.	146	68	
	9	48.66	3			42.39			47.0	Mer.	144	35	
20324	10	48.74	2	21	0	48.20	16	45	....	Tr.	196	37	
	9	48.78	2			48.36			43.4	Mu.	208	23	
	7	51.69	5			48.43			42.0	Tr.	273	55	
	10	48.79	2			48.66			....	Mer.	153	17	
20325	8	48.56	3	21	0	57.82	21	9	....	Tr.	180	52	
20326	12	48.60	1	21	0	59.29	21	39	....	Tr.	182	73	
20327	9	46.70	4	21	0	59.68	28	14	27.9	Mer.	60	26	
20328	7	48.78	3	21	1	1.59	17	13	12.4	Mu.	208	24	
	4	51.68	5			1.62			9.7	Mer.	243	21	
	6	51.69	5			1.66			13.7	Tr.	273	56	
	9	48.79	3			1.72			....	Mer.	153	18	
20329	10	48.69	2	21	1	2.94	19	1	27.4	Tr.	193	29	
	9	51.68	5			3.02			24.2	Tr.	271	26	
	10	48.63	3			3.46			....	Tr.	185	109	
20330	9	46.46	3	21	1	3.93	32	5	....	Tr.	30	141	
20331	6.7	47.71	3	21	1	4.60	30	19	32.5	Mer.	203	25	
	5.6	46.73	2			4.81			34.8	Tr.	77	2	
	6	47.71	3			4.84			32.0	Tr.	134	51	
	4.5	47.46	1			4.91			35.6	Tr.	122	104	
	6	47.70	4			5.00			33.8	Mu.	131	76	
	6.7	46.73	4			5.02			32.8	Mu.	61	35	
	7	47.46	7			5.18			32.8	Mu.	121	21	
	..	47.61	3			5.22			34.4	Mer.	198	26	
20332	10	47.66	2	21	1	6.61	25	0	....	Mer.	104	46	
	7	47.72	2			6.86			23.5	Mu.	134	43	
	9	46.73	7			6.94			20.4	Mu.	69	67	
	7.8	46.73	5			7.04			23.4	Mer.	70	12	
20333	8.9	46.77	2	21	1	6.71	26	45	45.3	Mer.	71	4	
	8.9	46.61	5			6.93			54.9	Mer.	50	1	
	9	46.46	5			6.95			63.3[7]	Mer.	28	113	[7] If micrometer reading be assumed as 46.88 instead of 46.58 rev., as recorded, Decl.= 52″.9.
	7	46.71	2			6.99			....	Tr.	70	67	
	8.9	46.52	6			7.05[8]			49.9	Mer.	35	17	
	9	47.71	2			7.10			48.4	Tr.	133	21	[8] One of seven threads rejected; R. A.=$6^{s}.18$.
20334	9	46.77	4	21	1	6.83	40	34	47.1	Mer.	73	9	
20335	7	46.72	3	21	1	9.25	33	27	18.2	Mu.	59	11	
	7	46.69	2			9.42			....	Tr.	66	12	
20336	8	47.72	1	21	1	9.33	26	10	11.5	Mer.	205	19	
	9	47.68	5			9.72[9]			9.7	Mer.	105	29	[9] R. A. decreased 1 min.
	10	46.72	5			9.76			13.5	Mer.	66	46	
20337	10	48.63	2	21	1	12.20[10]	26	39	23.3	Mu.	192	6	[10] Separate threads give $12^{s}.56$, $11^{s}.85$.
20338	9	46.66	2	21	1	18.60	35	24	....	Tr.	61	27	
20339	8	48.79	1	21	1	20.05	25	25	36.2	Mu.	209	16	
	8	46.61	3			20.17			....[11]	Tr.	54	8	[11] Decl. changed three rev. south.
	8	47.72	1			20.36			38.7	Mu.	134	44	
	8	47.59	2			20.36			34.0	Mer.	196	59	
	8.9	46.73	2			20.44			37.0	Mer.	68	67	
20340	8	48.67	2	21	1	20. . .[12]	23	7	53.3	Mer.	148	101	[12] Separate threads give $19^{s}.21$, $20^{s}.19$.
	9	48.63	2			20.12			53.1	Mu.	193	51	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES
		1800 +		h	m	s	°	′	″				
20341	9	47.65	2	21	1	31. . .[1]	29	5	48.0	Mer.	199	87	[1] Separate threads give $32^{s}.52$, $31^{s}.32$.
	7	46.73	4			31.95			47.2	Mu.	63	1	
	5	46.63	2			32.03			. . . .	Tr.	59	54	
	8	47.68	3			32.03			48.3	Mu.	130	66	
	7.8	47.71	2			32.07			48.5	Mu.	132	86	
	8	46.53	4			32.09			49.7	Mer.	43	20	
	6	47.71	1			32.27			51.2	Mer.	204	50	
	8	46.63	3			32.29			48.7	Mu.	47	78	
	8	46.70	5			32.41			50.4	Mer.	58	22	
	8.9	46.56	4			32.46			44.8	Mer.	46	3	
20342	8	48.63	2	21	1	46.70	24	22	6.1	Mer.	140	15	
	10	46.62	3			46.79			. . . .	Tr.	57	90	
20343	7	51.78	5	21	1	47.94	16	18	24.0	Mu.	281	10	
20344	9	46.53	3	21	1	49.07	29	14	6.8	Mer.	43	21	
	8	47.71	1			49.15			5.6	Mu.	132	87	
	9	46.56	2			49.55			1.1	Mer.	46	4	
20345	9	46.66	2	21	1	50.06	35	35	. . . .	Tr.	61	28	
	10	46.70	1			50.23			49.5	Tr.	68	1	
20346	7	48.67	4	21	1	51.22	23	5	2.1	Mer.	148	102	
	7.8	48.63	2			51.24			5.1	Mu.	193	52	
20347	8	48.63	2	21	1	53.63	19	3	55.5	Mer.	141	85	
	9	51.68	5			54.47			52.0	Tr.	271	27	
	9.10	48.72	4			54.50			52.4	Mu.	205	56	
20348	8	46.62	4	21	1	58.32	23	54	50.7	Mu.	46	18	
	8	48.63	2			58.35			46.4	Tr.	186	62	
	9	48.55	3			58.36			50.2	Mu.	184	22	
	8	47.82	1			58.62			51.2	Mu.	142	2	
20349	9	48.72	2	21	1	58.61	17	33	49.9	Tr.	194	12	
	7	51.68	5			58.72			48.3	Mer.	243	22	
20350	10	47.68	1	21	2	2.13	26	23	11.1	Mer.	201	14	
20351	9	48.72	2	21	2	4.76	18	56	12.3	Mu.	205	57	
	6	51.68	5			4.96			12.3	Tr.	271	28	
	10	48.63	1			5.06			. . . .	Tr.	185	110	
	8	48.69	2			5.11			20.2	Tr.	193	30	
20352	8.9	47.71	1	21	2	6.95	29	34	1.9	Mer.	204	51	
20353	9	48.78	1	21	2	15.53	16	46	58.2	Mu.	208	25	
	10	48.74	2			16.18			. . . .	Tr.	196	38	
20354	8	47.68	2	21	2	15.77[2]	25	26	8.8	Tr.	129	22	[2] R. A. decreased 20 sec.
	8	48.79	2			15.86[3]			5.5	Mu.	209	17	[3] One of three threads rejected; R. A. = $16^{s}.78$.
	8	47.59	1			16.30			7.1	Mer.	196	60	
	. .	47.76	2			16.32[4]			. . . .	Mer.	109	2	[4] Minute assumed.
	7	47.72	1			16.36			6.7	Mu.	134	45	
	7.8	46.73	5			16.56			6.3	Mer.	68	68	
20355	8	47.71	1	21	2	17.36	29	29	27.7	Mu.	132	88	
	8	46.63	2			17.67			. . . .	Tr.	59	55	
20356	9	46.70	3	21	2	17.44	27	45	21.1	Mer.	60	27	
20357	10	48.72	3	21	2	18.83	18	4	48.4	Mer.	149	53	
20358	9	46.71	2	21	2	20.25	27	5	17.3	Mer.	62	14	
	8	46.77	1			20.32			19.7	Mer.	71	5	
	9	47.71	4			20.33			17.9	Mer.	107	39	
	8	46.71	2			20.49			. . . .	Tr.	70	68	
	9	47.71	3			20.68			11.5[5]	Tr.	133	22	[5] Decl. changed two rev. north.
20359	12	48.55	3	21	2	21.32	22	16	. . . .[6]	Tr.	179	26	[6] Decl. changed one wire interval north.
20360	9	46.70	1	21	2	21.76[7]	36	30	26.3	Mu.	55	2	[7] R. A. decreased 10 sec.
	9	46.66	3			22.48			24.9	Mu.	49	57	
20361	9	46.70	3	21	2	22.00	27	43	52.3	Mer.	60	28	
	10	46.71	2			22.22			52.3	Mer.	62	15	
20362	8.9	46.54	6	21	2	23.77	42	39	46.5	Mer.	45	9	
20363	10	47.70	2	21	2	30.26[8]	27	59	35.1	Mer.	202	25	[8] R. A. increased two thread intervals. One of three threads rejected; R. A. = $29^{s}.54$.
20364	8	48.63	1	21	2	31.16	19	36	30.9	Mer.	141	86	
	11	48.59	2			31.26			. . . .	Tr.	181	15	
20365	8	47.72	3	21	2	32.60	26	21	52.5[9]	Mer.	205	20	[9] Decl. changed one rev. north.
	10	48.63	1			32.90			50.4	Mu.	192	7	
	9	47.68	1			33.14[10]			51.0[11]	Mer.	201	15	[10] R. A. decreased one thread interval.
20366	8	47.82	1	21	2	53.17	23	43	8.9	Mu.	142	3	[11] Decl. changed one rev. north.
20367	9	48.55	3	21	2	54.13[12]	23	43	16.2	Mu.	184	23	[12] Last two threads increased 1 sec. each. Ya and Gou give $53^{s}.9$. Separate threads as recorded give $54^{s}.22$, $53^{s}.19$, $52^{s}.96$
20368	9	48.63	2	21	2	54.79	24	39	58.0	Mer.	140	16	
20369	9	48.74	2	21	3	1.61	16	38	. . . .	Tr.	196	39	
	8	48.78	3			1.64			1.0	Mu.	208	26	
20370	8	51.68	5	21	3	2.91	18	38	40.8	Tr.	271	29	
20371	6	48.55	4	21	3	4.40	31	11	53.8	Mer.	134	153	
	7.8	46.61	4			4.44			52.6	Mu.	44	75	
	8	47.70	3			4.54			47.0	Tr.	130	31	
20372	10	46.79	2	21	3	8.10	39	17	33.8	Tr.	94	1	
20373	11	46.61	2	21	3	16.62	25	59	. . . .	Tr.	54	9	
	8	47.68	1			16.66			31.7	Mer.	201	16	
	8	47.72	1			16.74			20.7	Mer.	205	21	
	10	47.59	1			16.94			21.1	Mer.	196	61	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20374	8	48.63	2	21	3	19.13[1]	24	43	52.2	Mer.	140	17	[1] Separate threads give $19^s.52$, $18^s.74$.
	9	48.67	3			19.16			53.9	Mu.	203	38	
	7	46.73	6			19.18[2]			54.9	Mer.	69	68	[2] One of seven threads rejected; R. A. $=19^s.96$.
	7	46.62	3			19.25			....	Tr.	57	91	
	8.9	47.82	4			19.29			58.3	Mer.	112	1	
	7.8	46.73	5			19.33			58.8	Mer.	70	13	
	7	47.72	1			19.36			51.8	Mu.	134	46	
20375	8	46.63	4	21	3	22.86	28	30	52.2	Mu.	47	79	
	7	47.65	3			22.93			55.3	Mu.	128	114	
	8	47.68	5			22.96			52.5	Mu.	130	67	
	7	46.73	3			23.04			50.8	Mu.	63	2	
	7	46.60	3			23.10			....	Tr.	52	71	
	9	46.63	6			23.33			50.9	Mer.	55	61	
	8	47.70	1			23.34			52.2	Mer.	202	26	
	8	47.65	4			23.47			54.7	Mer.	199	88	
20376	11	48.55	1	21	3	25.82	21	45	13.5	Mu.	182	119	
20377	7.8	46.70	3	21	3	26. . .[3]	36	22	30.9	Mu.	55	3	[3] Separate threads give $57^s.43$, $26^s.69$, $25^s.74$. Gou gives $26^s.0$.
20378	11	48.67	1	21	3	26.18	23	9	14.5	Mer.	148	103	
20379	5.6	46.77	6	21	3	26.71	40	1	54.1	Mer.	73	10	
20380	9	48.60	1	21	3	29.82	20	56	29.7	Mu.	188	65	
	8	48.67	2			30.07			32.4	Tr.	190	39	
	9	48.67	2			30.09			30.8	Mer.	146	69	
	9	48.66	3			30.24			32.3	Mer.	144	36	
	9	48.56	3			30.39			....	Tr.	180	53	
	9	48.56	2			30.39			30.8	Mu.	185	20	
20381	10	48.59	2	21	3	30.61	22	30	15.4	Mer.	136	23	
	10	48.56	3			31.23			10.2	Mer.	135	28	
20382	11	48.79	2	21	3	36.59[4]	15	34	....	Tr.	205	8	[4] One of three threads rejected; R. A. $=37^s.34$.
	7	51.82	5			36.66			7.7	Mu.	282	29	
20383	8	46.66	2	21	3	55.73	35	44	....[5]	Tr.	61	29	[5] Decl. changed one wire interval south.
	10	46.70	1			55.83			43.4	Tr.	68	2	
20384	5	46.72	2	21	3	55.95	37	2	10.6	Tr.	74	2	
20385	8	46.77	2	21	3	56.88	27	18	56.8	Mer.	71	6	
	9	46.71	2			57.35			53.4	Mer.	62	16	
	8	46.74	3			57.46			49.3	Mu.	65	2	
	8	46.46	4			57.46			53.7	Mer.	28	114	
	6	46.71	2			57.51			....	Tr.	70	69	
	8	47.54	4			57.69			51.3	Mer.	195	145	
20386	10	48.55	2	21	4	2.06	31	14	48.8	Mer.	134	154	
20387	9	48.69	1	21	4	2.40	21	37	25.4	Mu.	204	1	
	10	48.60	4			2.51			....	Tr.	182	74	
	8	48.55	2			3.05			23.9	Mu.	182	120	
20388	9	48.79	3	21	4	3.10	15	36	....	Tr.	205	9	
	6	51.82	5			3.31			35.7	Mu.	282	30	
20389	10	51.68	5	21	4	16.05	19	1	23.0	Tr.	271	30	
	12	48.63	2			16.09			....[6]	Tr.	185	111	[6] Decl. changed one wire interval south.
20390	9	51.78	5	21	4	21.03	16	27	37.4	Mu.	281	11	
20391	6	46.70	6	21	4	22.74	28	13	37.5	Mer.	60	29	
	4	46.60	4			23.00			....	Tr.	52	72	
	5.6	47.65	3			23.23			37.9	Mu.	128	115	
	6	46.63	4			23.25			42.2	Mer.	55	62	
	5	47.70	2			23.40			35.1	Mer.	202	27	
20392	9	47.65	2	21	4	23.94	29	4	22.2	Mer.	199	89	
	9	46.56	2			24.26			15.1	Mer.	46	5	
20393	8	47.71	2	21	4	25.01	29	23	44.2	Mu.	132	89	
	7	46.63	2			25.31			....	Tr.	59	56	
	9	46.70	4			25.56			43.1	Mer.	58	23	
	8	47.71	3			25.72			46.2	Mer.	204	52	
20394	9	48.63	1	21	4	29.75	24	42	32.7	Mer.	140	18	
20395	9	51.68	5	21	4	31.63	17	47	28.3	Mer.	243	23	
20396	8	47.59	4	21	4	33.40	25	27	30.5	Mer.	196	62	
	8	47.68	2			33.51			32.7	Tr.	129	23	
	8	47.76	4			33.59			28.9	Mer.	109	3	
	6	47.72	2			33.81			31.1	Mu.	134	47	
	7	46.73	6			33.86			27.7	Mer.	68	69	
	8	48.79	3			33.87			30.2	Mu.	209	18	
20397	10	47.71	2	21	4	40.80	29	28	48.5	Mer.	204	53	
	8.9	47.71	1			40.83			52.1	Mu.	132	90	
20398	10	47.59	1	21	4	42.81	25	29	21.5[7]	Mer.	196	63	[7] Decl. changed one rev. south.
	9	48.79	2			42.88			17.9	Mu.	209	19	
	9	46.73	3			43.35[8]			18.8	Mer.	68	70	[8] One thread increased 10 sec.
20399	9	46.71	2	21	4	45.66[9]	39	11	33.5	Mu.	57	11	[9] One of three threads rejected; R. A. $=46^s.48$.
	10	46.79	2			46.34			32.5	Tr.	94	2	
20400	7	48.63	3	21	4	46.10	23	22	30.9	Tr.	186	63	
	8.9	48.63	2			46.18			28.4	Mu.	193	54	
	7	47.82	1			46.26			30.3	Mu.	142	4	
	7	48.67	2			46.31			28.6	Mer.	148	104	
	6	46.62	2			46.31			28.1	Mu.	46	19	
	9	48.55	2			46.51[10]			30.5	Mu.	184	24	[10] One of three threads rejected; R. A. $=47^s.53$.
20401	7	46.80	2	21	4	46.90	43	17	49.6	Mer.	76	1	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20402	9	47.71	1	21	4	47.48	30	48	35.1	Tr.	134	52	
	11	46.58	2			47.63			....	Tr.	49	34	
	10	46.73	2			47.94			36.3	Tr.	77	3	
20403	7	48.67	3	21	4	48.75	23	9	28.8	Mer.	148	105	
	8.9	48.63	2			48.82			27.9	Mu.	193	53	
20404	10	46.72	3	21	4	52.73	25	47	26.9	Mer.	66	47	
	9	46.61	2			52.78			....	Tr.	54	10	
20405	9	46.70	3	21	4	56.02[1]	35	59	20.5	Mu.	55	4	[1] One of four threads rejected; R. A.=$67^s.56$.
	9	46.70	2			56.15			23.4	Tr.	68	3	
20406	7	47.70	2	21	4	59. . .[2]	30	16	36.7	Mu.	131	77	[2] Separate threads give $60^s.15$, $59^s.33$.
	7	46.73	5			59.78			35.4	Mu.	61	36	
	7.8	47.61	3			59.85			36.7	Mer.	198	27	
	8	47.71	4			59.90			32.3	Mer.	203	26	
20407	9	46.69	2	21	5	0.69	33	16	....	Tr.	66	13	
20408	9	47.65	3	21	5	6.27	28	56	57.8	Mer.	199	90	
	9	46.56	3			6.40			56.5	Mer.	46	6	
	9	46.73	1			6.92			62.2	Mu.	63	3	
20409	7	46.69	2	21	5	14.67	33	9	....	Tr.	66	14	
20410	10	48.56	1	21	5	16.20	22	40	51.6[3]	Mer.	135	30	[3] If micrometer reading be assumed as 51.912 instead of 51.612 rev., as recorded, Decl.= 41″.3. Bo VI gives 41″.
	10	48.59	1			16.67			39.3	Mer.	136	24	
	9	48.55	2			16.76			41.4	Tr.	176	2	
20411	9	47.68	2	21	5	17. . .[4]	26	16	59.3	Mer.	201	17	[4] Separate threads give $16^s.86$, $18^s.17$. CPD gives $16^s.8$.
20412	9	46.70	3	21	5	17.45	27	59	3.4	Mer	60	30	
20413	9	46.72	2	21	5	20.53	37	45	54.6	Mu.	60	29	
20414	10	48.72	3	21	5	22.43	18	10	42.9	Mer.	149	54	
	8	51.68	5			22.65			42.8	Mu.	278	14	
20415	9	48.59	3	21	5	23.93	22	49	35.4	Mer.	136	25	
	9	48.55	1			24.05			35.3[5]	Tr.	176	3	[5] Decl. changed one rev. south.
	9	48.55	2			24.23[6]			....	Tr.	179	27	[6] One of three threads rejected; R. A.=$25^s.01$.
	6	48.59	4			24.26			35.3	Mu.	187	23	
	9	48.56	2			24.39			38.4	Mer.	135	29	
20416	10	48.66	2	21	5	25.68[7]	20	42	12.1	Mer.	144	37	[7] R. A. decreased 1 min.
	7	48.67	2			25.86			17.6	Tr.	190	40	
	9	48.67	3			25.95[8]			10.1	Mer.	146	70	[8] Two threads increased one thread interval each.
	8	48.60	1			26.23			10.6	Mu.	188	66	
20417	9	47.70	3	21	5	28.59	31	22	24.5	Tr.	130	32	
	7	48.55	2			28.66			17.9	Mer.	134	155	
	8	46.61	3			28.72			18.3	Mu.	44	76	
20418	9	48.79	2	21	5	32.44	25	54	33.4	Mu.	209	20	
	9	47.66	3			32.54			32.0	Mu.	129	46	
	9	46.72	3			32.58			30.6	Mer.	66	48	
	8	47.72	4			32.61			32.2	Mer.	205	22	
20419	9	51.68	5	21	5	33.98	18	13	32.0	Mu.	278	15	
20420	8	46.62	5	21	5	35.27	41	7	23.9	Mer.	53	12	
20421	10	46.46	2	21	5	49.26	31	47	....	Tr.	30	142	
20422	9	46.70	1	21	5	52.34	35	37	27.0	Tr.	68	4	
20423	8	48.63	4	21	5	52.46[9]	23	29	37.0	Tr.	186	64	[9] R. A. decreased 1 min.
	9	48.55	3			52.62			39.1	Mu.	184	25	
	9	48.67	1			52.66			40.0	Mer.	148	106	
	8	47.82	2			52.67			37.6	Mu.	142	5	
	8	46.62	1			52.83			37.4	Mu.	46	20	
20424	10	46.73	1	21	5	54.78	30	43	37.9	Tr.	77	4	
	9	47.61	1			55.07			35.7[10]	Mer.	198	28	[10] Decl. changed one wire interval north.
20425	9	47.71	4	21	5	55.69	26	45	35.8	Mer.	107	40	
	9	46.71	2			55.94			....	Tr.	70	70	
20426	9	46.73	2	21	5	55.99	29	58	27.1	Mu.	61	37	
20427	7.8	47.66	1	21	5	56.96	26	31	41.4	Mu.	129	47	
	8	46.77	5			57.21			37.4	Mer.	71	7	
	8	47.72	1			57.41			41.4	Mer.	205	23	
	8	47.68	5			57.52			38.3[11]	Mer.	105	30	[11] Decl. changed one wire interval south.
	8	46.61	5			57.53			40.1	Mer.	50	2	
	8	46.46	4			57.54			40.4	Mer.	28	115	
	7	46.71	4			57.58			38.9	Mu.	56	49	
	8	47.71	4			57.73			39.2	Tr.	133	23	
	9	48.63	3			57.93			40.4	Mu.	192	8	
	7	47.68	1			58.38			44.4	Mer.	201	18	
20428	10	46.63	2	21	5	57.70	29	42	....	Tr.	59	57	
	9	47.71	1			58.21			45.4	Mu.	132	91	
20429	8	47.70	1	21	5	58.78	31	35	55.9	Tr.	130	33	
	7	48.55	2			59.17			54.1	Mer.	134	156	
	8	46.61	3			59.34			54.8	Mu.	44	77	
20430	11	46.62	2	21	6	2.57[12]	24	9	....[13]	Tr.	57	92	[12] R. A. increased one thread interval.
	8	48.63	2			2.58			48.4	Mer.	140	19	[13] Decl. changed one rev. south.
20431	9	48.72	3	21	6	5.50	18	31	19.6	Mu.	205	58	
	9	48.69	3			5.52			17.7	Tr.	193	31	
	10	48.63	2			5.67			....	Tr.	185	112	
20432	8	46.72	3	21	6	6.94	33	48	16.4	Mu.	59	12	
20433	9	46.70	2	21	6	8.94	36	19	59.4	Mu.	55	5	
20434	9	48.56	2	21	6	25.03	21	24	8.1	Mu.	185	21	
	10	48.56	2			25.10			....	Tr.	180	54	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20435	9	48.67	3	21	6	25.39	20	41	12.6	Mer.	146	71	
	8	48.60	2			25.49			18.1	Mu.	188	67	
	8	48.67	2			25.52			24.2	Tr.	190	41	
	10	48.66	3			25.70			35.6[1]	Mer.	144	38	[1] If micrometer reading be assumed as 41.715 instead of 41.115 rev., as recorded, Decl.= 14″.9.
20436	4.5	46.72	1	21	6	25.76	36	49	40.5	Tr.	74	3	
20437	9	48.55	3	21	6	26.65	22	25	....	Tr.	179	28	
	9	48.56	2			26.74			55.4	Mer.	135	31	
	6	48.59	2			26.98			56.5	Mu.	187	24	
	9	48.55	1			27.15			55.2	Tr.	176	4	
20438	9.10	46.71	3	21	6	28.76	27	33	17.3	Mer.	62	17	
	9	46.74	4			28.86			18.6	Mu.	65	3	
20439	9	47.65	2	21	6	32.49	28	54	21.2[2]	Mer.	199	91	[2] Decl. changed one rev. south.
20440	9	46.70	2	21	6	32.88[3]	36	7	20.8	Mu.	55	6	[3] R. A. decreased 10 sec.
20441	9	48.67	1	21	6	34.38	23	8	35.5	Mer.	148	107	
20442	9	48.69	3	21	6	39.51	21	54	47.2	Mu.	204	2	
	10	48.60	2			39.82			....	Tr.	182	75	
	8	48.55	3			39.93[4]			44.9	Mu.	182	121	[4] R. A. increased 1 min.
20443	8.9	48.72	2	21	6	42.52	17	57	41.9[5]	Mer.	149	55	[5] Decl. changed one wire interval north.
	6	51.68	5			42.69			45.3	Mu.	278	16	
	5.6	51.68	5			42.75			42.7[6]	Mer.	243	24	[6] Decl. changed one rev. south.
20444	6	51.68	5	21	6	42.78	18	43	16.1	Tr.	271	31	
	10	48.69	2			43.01			15.1	Tr.	193	32	
20445	10	48.79	2	21	6	51...[7]	15	44	....	Tr.	205	10	[7] Separate threads give $52^{s}.52$, $51^{s}.62$.
	7	51.82	5			51.86			37.4	Mu.	282	31	
20446	10	51.78	3	21	6	52.43[8]	16	21	12.5	Mu.	281	12	[8] One of four threads rejected; R. A.=$51^{s}.17$.
20447	8	46.69	2	21	6	52.64	33	20	....	Tr.	66	15	
20448	9	47.71	3	21	7	1.02	29	16	52.3	Mer.	204	54	
	10	46.63	1			1.12			....	Tr.	59	58	
	8.9	46.56	3			1.48			53.9	Mer.	46	7	
	9	47.71	1			1.67			53.7	Mu.	132	92	
20449	7	46.69	5	21	7	3.39	32	26	3.0	Mu.	52	5	
20450	10	48.79	1	21	7	4.85[9]	16	36	....	Mer.	153	19	[9] R. A. decreased one thread interval.
	9	48.78	2			4.88[10]			6.0	Mu.	208	27	[10] R. A. increased one thread interval.
20451	5	48.56	2	21	7	5.01	21	16	13.9	Mu.	185	22	
	6	48.56	2			5.09			....	Tr.	180	55	
20452	9	48.79	2	21	7	14.21	16	42	....	Mer.	153	20	
	8	48.78	2			14.28			35.5	Mu.	208	28	
	9	48.74	3			14.33			....	Tr.	196	40	
	6	51.69	5			14.55			36.5	Tr.	273	57	
20453	10	46.73	1	21	7	14.24[11]	31	0	56.2	Tr.	77	5	[11] R. A. decreased one thread interval.
20454	8.9	46.72	1	21	7	17.02	36	47	35.7	Tr.	74	4	
20455	9	48.55	1	21	7	17.38	22	3	31.6	Mu.	182	122	
	9	48.69	2			17.53			33.2	Mu.	204	3	
	10	48.60	1			17.67			....	Tr.	182	76	
20456	9	48.63	2	21	7	22.81	23	47	37.9	Tr.	186	65	
20457	6.5	48.79	3	21	7	26.29	15	47	....	Tr.	205	11	
	4	51.82	5			26.44			29.0	Mu.	282	32	
20458	9	47.65	2	21	7	27.21	28	53	27.3	Mer.	199	92	
	8.9	47.68	3			27.30			28.7	Mu.	130	68	
	9	46.73	1			27.35			28.1	Mu.	63	5	
	8.9	46.56	3			27.91			26.8	Mer.	46	8	
20459	9	47.65	1	21	7	31.30	29	7	49.1	Mer.	199	93	
	7	46.63	1			31.78			....	Tr.	59	59	
	8	47.71	2			31.95[12]			47.2	Mer.	204	55	[12] One of three threads rejected; R. A.=$32^{s}.74$.
	9	46.73	1			32.22			49.0	Mu.	63	4	
	8	47.71	1			32.57			46.2	Mu.	132	93	
	9	46.70	4			32.58			46.6	Mer.	58	24	
	9	46.56	3			32.99			43.8	Mer.	46	9	
20460	9	47.71	2	21	7	40.41	30	54	33.5	Tr.	134	53	
	9	47.61	1			41.03			28.1	Mer.	198	29	
20461	9	46.71	2	21	7	44.95	26	58	....	Tr.	70	71	
20462	8	46.79	3	21	7	45.93	39	40	22.8	Tr.	94	3	
20463	10	48.55	2	21	7	52.34	22	31	55.5	Tr.	176	5	
	10	48.56	2			52.42			59.2	Mer.	135	32	
	11	48.55	2			52.53			....	Tr.	179	29	
	10	48.59	1			52.62[13]			54.5[14]	Mer.	136	26	[13] One of two threads rejected; record doubtful.
20464	9	48.63	3	21	7	52.77	24	11	40.7	Mer.	140	20	[14] Decl. changed one rev. south.
20465	8	48.55	2	21	7	55.11	31	39	44.2	Mer.	134	157	
	10	46.46	3			55.42[15]			....	Tr.	30	143	[15] R. A. decreased one thread interval.
20466	8	48.67	3	21	8	3.88	23	25	56.3[16]	Mer.	148	108	[16] Decl. changed four wire intervals south.
	10	48.63	1			3.88[17]			57.6	Mu.	193	55	[17] R. A. increased one thread interval.
	8	47.82	1			4.18			49.6	Mu.	142	6	
	10	48.55	2			4.32[18]			57.1	Mu.	184	26[19]	[18] One of three threads rejected; R. A.=$3^{s}.08$.
20467	10	47.54	2	21	8	8.73	27	31	18.9	Mer.	195	146	[19] "Too faint."
20468	8	48.67	2	21	8	8.93	20	47	35.5	Tr.	190	42	
	8	48.60	2			9.13			35.5	Mu.	188	68	
	9	48.67	3			9.35			35.9	Mer.	146	72	
	10	48.66	2			9.60			38.4	Mer.	144	39	
20469	9	46.54	4	21	8	9.11	42	40	14.0	Mer.	45	10	
20470	9	47.82	2	21	8	16.09	24	31	56.8	Mer.	112	2	
	9	46.62	2			16.18			....	Tr.	57	93	
	8	48.63	2			16.33			44.3	Mer.	140	21	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20471	7	51.82	5	21	8	18.61	15	26	43.2	Mu.	282	33	
20472	7	46.61	5	21	8	24.04	31	22	6.6	Mu.	44	78	
	6	48.55	3			24.06			3.8	Mer.	134	158	
	7	47.70	3			24.31			6.4	Tr.	130	34	
20473	10	46.72	2	21	8	24.29[1]	34	42	....	Tr.	73	31	[1] R. A. increased one thread interval.
20474	7.8	46.79	3	21	8	28.52	39	26	31.0	Tr.	94	4	
20475	8	46.70	1	21	8	28.72	34	37	13.2	Mu.	53	25	
	9	46.72	2			29.27			....	Tr.	73	30	
20476	9	47.68	3	21	8	34.00	26	38	1.5	Mer.	105	31	
	9	47.72	4			34.27			2.9	Mer.	205	24	
	9.10	46.77	3			34.29			0.7	Mer.	71	8	
	7	47.68	5			34.41[2]			4.8	Mer.	201	19	[2] Four threads increased 10 sec. each.
	9	46.61	4			34.51			2.3	Mer.	50	3	
20477	4.5	46.80	7	21	8	35.99	43	57	37.0	Mer.	77	13	
20478	9.10	46.71	2	21	8	36.76	39	1	38.8	Mu.	57	12[3]	[3] GZ gives $38^{s}.7$, 29″.
20479	10	48.59	2	21	8	39.97	22	41	53.8	Mer.	136	27	
20480	10	48.56	1	21	8	41.28	22	21	38.3	Mer.	135	33	
	8	48.59	3			41.38			38.8	Mu.	187	25	
	9	48.55	1			41.48			....	Tr.	179	30	
	9	48.55	1			41.62			39.5	Tr.	176	6	
20481	10	48.60	1	21	8	42.82[4]	20	7	40.3	Mer.	137	99	[4] R. A. decreased 1 min.
	9	48.66	3			42.89[5]			41.8	Mu.	197	6	[5] One thread increased 10 sec.
20482	10	48.79	1	21	8	47.84	25	54	32.7	Mu.	209	21	
20483	9	48.67	2	21	8	48.31	20	25	0.2	Mer.	146	73	
	10	48.67	2			48.36			3.2	Tr.	190	43	
20484	6	46.69	4	21	8	49.66	32	47	42.7	Mu.	52	6	
20485	8	46.77	3	21	8	50.08	27	6	27.4	Mer.	71	9	
	10	47.71	3			50.12			29.5	Tr.	133	24	
	9	47.71	5			50.12			28.6	Mer.	107	41	
	7	46.71	3			50.19			....	Tr.	70	72	
	8.9	46.71	2			50.21			25.8	Mer.	62	18	
	7	46.74	3			50.66[6]			20.2	Mu.	65	4	[6] One of four threads rejected; R. A.=$49^{s}.44$.
20486	7.8	47.72	2	21	8	51. . .[7]	24	39	12.4	Mu.	134	48	[7] Separate threads give $51^{s}.58$, $52^{s}.73$.
	9	47.82	1			51.61[8]			7.6[9]	Mer.	112	3	[8] R. A. decreased 1 min.
	9	46.73	5			52.19			10.1	Mer.	69	69	[9] Decl. changed two rev. north.
	8	46.62	3			52.21			....	Tr.	57	94	
	9	46.73	3			52.22			11.5	Mer.	70	14	
	8	48.63	1			52.35			9.6	Mer.	140	22	
20487	9	46.71	1	21	8	55.33	27	51	4.2	Mer.	62	19	
	9	46.70	6			55.45			16.6	Mer.	60	31	
	7.8	47.65	2			55.53			4.6	Mu.	128	116	
	10	46.73	2			55.93[10]			2.7	Tr.	81	1	[10] One thread decreased one thread interval.
	8	47.70	2			56.19[11]			4.2	Mer.	202	28	[11] One of three threads rejected; R. A.=$55^{s}.37$.
20488	9	46.72	1	21	8	55.48	33	29	11.5	Mu.	59	13	
	8	46.69	2			55.75			....	Tr.	66	16	
20489	9	48.55	1	21	9	0.67	22	13	29.0	Tr.	176	7	
	9	48.55	2			1.11			27.2	Mu.	182	123	
20490	6	46.72	1	21	9	4.95[12]	34	37	....	Tr.	73	32	[12] R. A. increased one thread interval.
	7	46.70	1			5.08			20.1	Mu.	53	26	
20491	9	48.69	1	21	9	5.99[13]	21	52	48.1	Mu.	204	4	[13] R. A. decreased one thread interval.
20492	8	46.73	4	21	9	7.34	30	7	56.2	Mu.	61	38	
	8	47.71	5			7.47			54.4	Mer.	203	27	
20493	7.8	47.71	2	21	9	11.06	29	19	5.5	Mu.	132	94	
	7	47.71	4			11.06			2.9	Mer.	204	56	
	6	46.63	2			11.51			....	Tr.	59	60	
	9	46.70	2			11.60			3.9	Mer.	58	25	
20494	10	48.63	1	21	9	18.68	18	47	....	Tr.	185	113	
	9	51.68	5			18.95			45.2	Tr.	271	32	
20495	9	48.55	1	21	9	23.48	30	54	43.0	Mer.	134	159	
	9	47.71	2			23.63			42.5	Tr.	134	54	
20496	9	48.69	3	21	9	24.18[14]	21	52	39.1	Mu.	204	5	[14] One of four threads rejected; R. A.=$24^{s}.90$.
20497	9	46.61	4	21	9	30.72	26	20	1.5[15]	Mer.	50	4	[15] Decl. changed one wire interval north.
	9	47.68	1			31.73			5.1[16]	Mer.	105	32	[16] Decl. changed one rev. south.
	8	47.72	3			31.80			8.3	Mer.	205	25	
	8	47.68	3			32.06			4.9	Mer.	201	20	
	8	46.71	4			32.19			5.9	Mu.	56	50	
	10	48.63	2			32.31			5.7	Mu.	192	9	
	9.10	46.72	3			32.33			8.2	Mer.	66	49	
20498	9	48.74	2	21	9	31.94	16	30	....	Tr.	196	41	
	9	51.78	5			32.06			53.1	Mu.	281	13	
	9	48.78	4			32.08			53.0	Mu.	208	29	
	9	48.79	3			32.31[17]			....	Mer.	153	21	[17] R. A. decreased 1 min. One of four threads rejected; R. A.=$31^{s}.42$.
20499	5.6	48.69	4	21	9	31.91	18	36	33.8	Tr.	193	33	
	4	51.68	5			32.14			33.5	Tr.	271	33	
	4.3	48.63	3			32.18			....	Tr.	185	114	
	6	48.72	4			32.35[18]			35.2	Mu.	205	59	[18] One of five threads rejected; R. A.=$31^{s}.48$.
20500	9	46.72	1	21	9	35.46	37	13	14.2	Mu.	60	30	
	12	46.72	1			35.65			14.6	Tr.	74	5	
20501	8	46.72	1	21	9	35.95[19]	33	41	41.9	Mu.	59	14	[19] R. A. decreased one thread interval.
20502	8	46.73	2	21	9	40.99	29	52	55.5	Mu.	61	39	
	7	47.71	1			41.26			65.2	Mer.	203	28	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20503	9	48.63	2	21	9	44.92	19	18	42.8	Mer.	141	87	
	9	48.67	3			45.15			45.4[1]	Mu.	201	68	[1] Decl. changed one rev. north.
	10	48.59	5			45.27			....	Tr.	181	16	
20504	8	46.80	1	21	9	46.95	39	58	28.6	Mu.	74	1	
20505	10	47.59	7	21	9	49.43	25	39	4.3	Mer.	196	64	
	9	48.79	3			49.81			6.2	Mu.	209	22	
	10	47.68	2			49.83			7.0[2]	Tr.	129	24	[2] Decl. changed two rev. south.
	9	46.73	5			49.84			4.6	Mer.	68	71	
	9.10	46.72	2			49.90			7.6	Mer.	66	50	
	9	46.61	3			50.03			....	Tr.	54	11	
20506	9	48.72	4	21	9	51.61	18	5	18.8	Mer.	149	56	
	6	51.68	5			51.81			16.8	Mu.	278	17	
20507	9	46.62	5	21	9	52.09	41	40	47.3	Mer.	53	13	
20508	8	48.56	2	21	9	55.24	20	57	38.1	Mu.	185	23	
	7	48.56	4			55.41			....	Tr.	180	56	
	8	48.60	2			55.52			38.1	Mu.	188	69	
	8.9	48.66	4			55.71			41.5	Mer.	144	40	
20509	5	46.69	2	21	9	57.37	32	58	....	Tr.	66	17	
20510	8	47.67	3	21	9	58.24	27	14	26.7	Tr.	127	18	
	8.9	46.71	2			59.11			28.0	Mer.	62	20	
	8	46.77	3			59.14			25.7	Mer.	71	10	
	7	46.71	2			59.46			....	Tr.	70	73	
	9	46.74	1			59.80			27.0	Mu.	65	5	
20511	6.7	47.71	4	21	10	1.66	29	23	20.9	Mer.	204	57	
	6.7	47.71	3			1.86			23.4	Mu.	132	95	
	4	46.63	2			2.15			....	Tr.	59	61	
	7	46.70	3			2.26			22.3	Mer.	58	26	
20512	9.10	48.67	2	21	10	4.31	24	25	63.2	Mu.	203	39	
	8	46.62	3			4.51			....	Tr.	57	95	
	9	48.63	2			4.54			62.9	Mer.	140	23	
	9	47.82	2			4.69			57.2	Mer.	112	4	
20513	10	47.61	2	21	10	6.70[3]	30	55	49.8	Mer.	198	30	[3] Separate threads give $7^{s}.06$, $6^{s}.33$.
	8	47.71	2			6.97			47.5	Tr.	134	55	
20514	6	46.72	2	21	10	7.60	34	30	....	Tr.	73	33	
20515	10	51.68	5	21	10	9.96	18	9	31.7	Mu.	278	18	
20516	10	48.59	2	21	10	16.88[4]	22	39	47.2	Mer.	136	28	[4] One thread decreased 10 sec. R. A. increased one thread interval.
	8	48.55	2			16.92			49.2	Tr.	176	8	
	9	48.59	1			17.06			47.0	Mu.	187	26	
	10	48.55	2			17.06			....	Tr.	179	31	
	10	48.56	2			17.30			44.4	Mer.	135	34	
20517	11	46.46	3	21	10	17.74	31	48	....	Tr.	30	144	
20518	10	48.67	1	21	10	23.56	20	21	26.3	Mer.	146	74	
	10	48.67	1			23.79			26.3	Tr.	190	44	
20519	10	47.76	1	21	10	25.23	25	2	28.6	Mer.	109	4	
20520	9	46.69	2	21	10	32.19	33	3	....	Tr.	66	18	
20521	11	48.60	1	21	10	32.55	21	54	....	Tr.	182	77	
20522	9	48.67	2	21	10	35.15	20	43	60.2	Mer.	146	75	
	9	48.67	1			35.55			56.9	Tr.	190	45	
	10	48.66	2			35.58			59.9	Mer.	144	41	
	10	48.60	1			35.66			59.0	Mu.	188	70	
20523	9	47.72	2	21	10	41.16	26	40	46.0	Mer.	205	26	
	11	47.71	3			41.32			39.4	Tr.	133	25	
	8	47.68	1			41.52			46.3	Mer.	201	21	
20524	9.10	48.67	2	21	10	51.37[5]	24	23	53.8	Mu.	203	40	[5] R. A. increased one thread interval.
	8	48.63	1			51.44[6]			53.5	Mer.	140	24	[6] R. A. decreased 1 min. and increased 10 sec.
	8	46.62	1			51.58			....	Tr.	57	96	
	9	47.82	1			51.71			47.7	Mer.	112	5	
20525	8	46.70	2	21	10	53. . .[7]	35	13	22.8[8]	Mu.	53	27	[7] Separate threads give $53^{s}.45$, $52^{s}.51$. GZ gives $53^{s}.3$.
20526	9	48.79	4	21	10	54.57	16	48	....	Mer.	153	22	
	7	48.78	4			54.59			22.6[9]	Mu.	208	30	[8] Decl. changed one rev. north.
	8	48.74	3			54.60			....	Tr.	196	42	[9] Decl. changed ten rev. north.
	5	51.69	5			54.63			22.4	Tr.	273	58	
20527	11	48.67	1	21	10	54.92	22	53	28.1	Mer.	148	109	
20528	9	46.72	1	21	10	59.43	37	25	9.0	Mu.	60	31	
20529	7.8	46.70	5	21	11	1.48	27	50	18.7	Mer.	60	32	
	7	47.70	3			1.48			26.3	Mer.	202	29	
	5	46.60	3			1.49			....	Tr.	52	73	
	8	47.54	3			1.53			17.2[10]	Mer.	195	147	[10] Decl. changed one wire interval south.
	7	46.71	2			1.54			16.0	Mer.	62	21	
	8	46.73	1			1.68			16.0	Tr.	81	2	
	7	46.74	1			1.78			17.6	Mu.	65	6	
	6.7	47.65	3			1.82			17.9	Mu.	128	117	
20530	8	46.73	3	21	11	3.31[11]	29	58	48.0	Mu.	61	40	[11] One of four threads rejected; R. A. $=2^{s}.17$.
	7	47.70	1			3.52			46.0	Mu.	131	78	
	7	47.71	3			3.54			47.2	Mer.	203	29	
20531	8	47.71	5	21	11	4.76	26	58	1.2[12]	Mer.	107	42	[12] Decl. changed two rev. south.
	5.6	46.77	4			4.76			0.6	Mer.	71	11	
	7	47.71	2			4.89			0.6[13]	Tr.	133	26	[13] Decl. changed one wire interval north.
	6	46.71	2			4.92			....	Tr.	70	74	
20532	9	46.69	2	21	11	8. . .[14]	32	37	23.3	Mu.	52	7	[14] Separate threads give $7^{s}.92$, $8^{s}.76$. GZ gives $9^{s}.0$.
20533	2.3	46.79	4	21	11	8.73	41	26	20.3	Mer.	75	1	
	6.7	46.62	5			8.85			21.3	Mer.	53	14	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20534	6	46.69	2	21	11	10.32	33	8	....	Tr.	66	19	
20535	10	48.59	2	21	11	10. . .[1]	22	33	34.1	Mer.	136	29	[1] Separate threads give $10^{\mathrm{s}}.99$, $10^{\mathrm{s}}.01$.
	10	48.56	2			10.60			35.6	Mer.	135	35	
	10	48.55	1			10.84			36.7	Tr.	176	9	
20536	9	46.74	1	21	11	11.31	27	55	71.3[2]	Mu.	65	7	[2] If micrometer reading be assumed as 8.062 instead of 7.862 rev., as recorded, Decl.= 58″.7.
	10	46.73	1			11.46			57.0	Tr.	81	3	
	8	46.70	5			11.50			56.8	Mer.	60	33	
	7	47.65	2			11.79			57.3	Mu.	128	118	
	8	47.70	4			11.91			58.4	Mer.	202	30	
20537	10	48.72	2	21	11	15. . .[3]	17	24	16.0	Tr.	194	13	[3] Separate threads give $14^{\mathrm{s}}.55$, $15^{\mathrm{s}}.42$. AW gives $15^{\mathrm{s}}.3$.
20538	8	46.70	5	21	11	15.49	36	20	0.2	Mu.	55	7	
20539	8.9	46.61	2	21	11	15.72[4]	31	28	16.6	Mu.	44	79	[4] R. A. decreased 1 min.
	8	48.55	2			15.78			17.9	Mer.	134	160	
	9	47.70	3			16.02			15.9[5]	Tr.	130	35	[5] Decl. changed one wire interval north.
20540	7	48.55	2	21	11	18.90	31	4	17.9	Mer.	134	161	
	7	47.71	2			19.18			21.3	Tr.	134	56	
	9	47.61	2			19.21[6]			13.8	Mer.	198	31	[6] One of three threads rejected; R. A. $=18^{\mathrm{s}}.49$.
20541	9	46.79	3	21	11	19.33	39	24	50.0	Tr.	94	5	
20542	10	46.73	1	21	11	27.01	30	33	49.6	Tr.	77	6	
	9	47.71	1			27.21			47.8	Tr.	134	57	
20543	11	46.72	1	21	11	32.71	37	17	20.7	Tr.	74	6	
	9	46.72	1			32.77			13.7	Mu.	60	32	
20544	9	48.67	2	21	11	46.40	20	27	9.5	Tr.	190	46	
	9	48.67	2			46.44			8.6	Mer.	146	76	
20545	9	46.71	2	21	11	49.66	27	17	44.4	Mer.	62	22	
	8	47.67	2			49.89			42.6	Tr.	127	19	
20546	10	48.74	2	21	11	49.66	17	6	....	Tr.	196	43	
	7	51.69	5			49.94			7.0	Tr.	273	59	
	9.10	48.78	1			50.31			5.0	Mu.	208	31	
20547	11	48.63	1	21	11	50.82	18	25	....	Tr.	185	115	
20548	10	48.59	3	21	11	51.28	19	33	....	Tr.	181	17	
	8	48.63	4			51.56			51.4	Mer.	141	88	
	9.10	48.67	2			51.59[7]			53.4	Mu.	201	69	[7] One of three threads rejected; R. A. $=50^{\mathrm{s}}.78$.
20549	9	46.61	2	21	11	52. . .[8]	31	35	12.0	Mu.	44	80	[8] Separate threads give $51^{\mathrm{s}}.57$, $52^{\mathrm{s}}.44$. Gou gives $52^{\mathrm{s}}.0$.
20550	8	47.70	2	21	11	55.79	31	32	15.4[9]	Tr.	130	36	
	8	46.61	3			56.56			14.3	Mu.	44	81	[9] Decl. changed one rev. south.
20551	9	46.71	5	21	11	56.44	38	48	33.0	Mu.	57	13	
20552	9	46.46	2	21	11	58.40	31	45	....	Tr.	30	145	
20553	7	46.80	6	21	12	0.53	44	1	56.3	Mer.	77	14	
20554	11	48.55	2	21	12	3.79	22	12	....[10]	Tr.	179	32	[10] Decl. changed nine rev. south.
20555	8	47.54	1	21	12	5.05	27	14	50.6	Mer.	195	148	
	9	46.71	2			5.19			50.5	Mer.	62	23	
	8.9	46.77	1			5.30			49.6	Mer.	71	12	
	9	46.74	1			5.66			42.6	Mu.	65	8	
20556	8.9	48.63	4	21	12	6.09	23	1	6.9	Mu.	193	56	
	8	48.67	4			6.10			6.5	Mer.	148	110	
20557	9	46.77	6	21	12	17.92	28	21	49.1	Mer.	72	1	
	7	47.65	1			17.95			47.9	Mu.	128	119	
	8	46.60	4			17.95			....	Tr.	52	74	
	9	46.70	4			18.12			49.4[11]	Mer.	60	34	[11] Decl. changed one wire interval south.
	9	46.73	1			18.24[12]			50.6	Tr.	81	4	[12] R. A. decreased one thread interval.
	9	47.70	1			18.66			46.7	Mer.	202	31	
20558	8	46.77	2	21	12	21.49	27	2	0.9	Mer.	71	13	
	8	46.71	2			21.76			....	Tr.	70	75	
	9	47.71	1			22.16			7.9[13]	Tr.	133	27	[13] Decl. changed one rev. south.
20559	11	46.72	1	21	12	29.27	37	3	1.9	Tr.	74	7	
20560	9.10	48.66	2	21	12	30.75	21	27	3.5	Mer.	144	42	
	8	48.56	2			31.18			3.1	Mu.	185	24	
	8	48.56	5			31.25			....	Tr.	180	57	
20561	9.10	48.63	2	21	12	40.18	24	1	55.4[14]	Tr.	186	66	[14] If micrometer reading be assumed as 5.37 instead of 6.7 rev., as recorded, Decl. =40″.3. AW gives 38″. Mü₁ gives 40″.
20562	9	47.71	2	21	12	45.88	30	46	60.7	Tr.	134	58	
	9	46.75	1			45.89			56.0	Tr.	77	7	
	8	47.61	2			46.05			53.8	Mer.	198	32	
20563	7	46.61	2	21	12	47.03	25	20	....	Tr.	54	12	
	9	47.68	3			47.03			28.4	Tr.	129	25	
	10	48.79	2			47.13			28.3	Mu.	209	23	
	8.9	46.73	5			47.25			29.1	Mer.	68	72	
	9	47.59	7			47.49			29.8	Mer.	196	65	
	8	47.72	2			47.53[15]			28.1	Mu.	134	49	[15] One thread increased one thread interval.
	9	47.76	3			47.61			32.7	Mer.	109	5	
20564	11	46.72	1	21	12	48.71	37	2	45.4	Tr.	74	8	
20565	8	48.63	1	21	12	51.51	19	27	31.1	Mer.	141	89	
20566	9	48.67	2	21	12	53.36	20	29	15.4[16]	Mer.	146	77	[16] Decl. changed one rev. south.
	11	48.60	1			53.81[17]			17.1	Mu.	188	71	[17] R. A. decreased 1 min.
20567	6	47.71	5	21	12	53.93	29	47	52.9	Mer.	204	58	
	7	47.71	4			54.05			58.4	Mu.	132	96	
	6	46.63	2			54.14			....[18]	Tr.	59	62	[18] Decl. changed one wire interval south.
	7	46.70	4			54.14			56.9	Mer.	58	27	
	6.7	46.73	3			54.17			56.3	Mu.	61	41	
	6	47.70	3			54.25			54.4	Mu.	131	79	
	7	47.71	5			54.27			56.0[19]	Mer.	203	30	[19] Decl. changed one wire interval north.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20568	10	48.60	1	21	12	54.66[1]	20	9	34.1	Mer.	137	100	[1] R. A. decreased 1 min.
	10	48.66	3			55.18[2]			39.6	Mu.	197	7	[2] One thread increased 10 sec.
20569	9	47.72	2	21	12	57.91	26	27	5.7	Mer.	205	27	
20570	9	47.54	2	21	13	5.71	27	45	31.8	Mer.	195	149	
	9	46.70	4			5.95			38.4	Mer.	60	35	
	9.10	46.71	2			6.13			37.0	Mer.	62	24	
	9	46.74	1			6.13			33.8	Mu.	65	9	
20571	10	48.69	2	21	13	11.86	18	32	28.5	Tr.	193	34	
	10	48.63	4			11.89			....	Tr.	185	116	
20572	6	51.82	5	21	13	12.25	15	47	18.0	Mu.	282	34	
	9	48.79	5			12.47			....	Tr.	205	12	
20573	9	48.67	2	21	13	18.25	19	22	5.8	Mu.	201	70	
	10	48.59	2			18.28			....	Tr.	181	18	
	7	48.63	2			18.59[3]			6.8	Mer.	141	90	[3] R. A. decreased 1 min. One of three threads rejected; R. A.=$17^{s}.76$.
20574	10	48.66	1	21	13	21.29	21	17	57.4	Mer.	144	43	
20575	10	47.82	2	21	13	26.06[4]	24	51	36.6	Mer.	112	6	[4] R. A. decreased 1 min.
	9	46.73	6			26.08			37.3	Mer.	69	70	
20576	9	48.67	2	21	13	26.14	23	1	46.8	Mer.	148	111	
20577	9	46.70	2	21	13	27.40	35	32	53.2	Tr.	68	5	
20578	9	48.78	1	21	13	29.07[5]	16	36	41.2	Mu.	208	32	[5] One of two threads rejected as doubtful; R. A.=$27^{s}.56$. The remaining thread increased one thread interval.
20579	9	48.79	5	21	13	29.83	16	54	....	Mer.	153	23	
	8	48.74	3			29.85			....	Tr.	196	44	
	8	48.78	1			29.90			3.1	Mu.	208	33	
	6	51.69	5			30.03			4.1	Tr.	273	60	
20580	9	48.67	1	21	13	35.23	20	33	59.6[6]	Mer.	146	78	[6] Decl. changed one wire interval north.
	9	48.67	2			36.06			61.7	Tr.	190	47	
20581	7	46.62	2	21	13	36.00	24	3	....	Tr.	57	97	
	9	48.63	2			36.36			19.3	Mer.	140	25	
	8	47.82	1			36.47			20.8	Mu.	142	7	
20582	9	48.67	1	21	13	40.26	23	20	9.2	Mer.	148	112	
20583	10	48.79	2	21	13	40.25[7]	25	47	55.5	Mu.	209	24	[7] R. A. decreased 1 min.
	9	46.73	2			40.45			58.1	Mer.	68	73	
	10	47.59	1			40.71			53.5	Mer.	196	66	
	10	46.72	4			40.73			52.7	Mer.	66	51	
20584	7	47.70	2	21	13	45.49	30	4	12.4	Mu.	131	80	
	7.8	46.73	2			45.49			15.0	Mu.	61	42	
	8	47.71	3			45.59			14.5	Mer.	203	31	
20585	4	51.68	5	21	13	53.28[8]	17	28	13.4	Mer.	243	25	[8] R. A. increased 1 min; and four threads increased 1 sec. each. No chronograph tape found.
	6	48.72	4			53.30			14.4	Tr.	194	14	
20586	10	47.68	2	21	13	53.80	26	10	58.1[9]	Mer.	105	33	
20587	9	47.71	2	21	13	59.74	30	39	18.2	Tr.	134	59	[9] Decl. changed two wire intervals north.
	11	46.73	1			59.94			16.6	Tr.	77	8	
20588	8	51.82	5	21	13	59.99	15	33	18.2	Mu	282	35	
	10	48.79	2			60.80			....	Tr.	205	13	
20589	8	46.61	3	21	14	2.78	31	27	9.6	Mu.	44	82	
	8	48.55	3			2.90			7.8	Mer.	134	163	
	9	47.70	4			2.92			8.0[10]	Tr.	130	37	[10] Decl. changed one rev. south.
20590	9	47.68	4	21	14	6.32	26	29	17.0	Mer.	201	22	
	9	46.61	2			6.62[11]			13.9[12]	Mer.	50	5	[11] One of three threads rejected; R. A.=$5^{s}.71$.
20591	8	47.76	2	21	14	8.20[13]	25	11	47.3[14]	Mer.	109	6	[12] Decl. changed one rev. north.
	8.9	46.73	3			8.47			48.5	Mer.	68	74	[13] One of three threads rejected; R. A.=$8^{s}.93$.
	9	46.73	2			8.47			46.2	Mer.	70	15	[14] Decl. changed four rev. north.
	9	46.73	4			8.50			47.9	Mer.	69	71	
	8	47.72	1			8.57			49.0	Mu.	134	50	
20592	7.8	46.80	3	21	14	9.95	40	24	53.0	Mu.	74	2	
20593	8.9	46.71	2	21	14	11.35	38	21	53.6	Tr.	71	26	
	8	46.71	3			11.53			52.2	Mu.	57	14	
20594	10	51.68	5	21	14	11.59	18	8	32.1	Mu.	278	19	
20595	8.9	46.56	7	21	14	11.84	28	44	10.7	Mer.	46	10	
	..	47.65	7			11.87			9.6	Mer.	199	94	
	9	46.77	6			12.08			11.4	Mer.	72	2	
	9	46.73	1			12.16			8.5	Mu.	63	6	
20596	9.10	48.63	2	21	14	17.69	24	6	26.0	Tr.	186	67	
20597	9	46.72	2	21	14	17.92[15]	37	44	52.2	Mu.	60	33	[15] R. A. decreased 1 min.
20598	10	47.71	2	21	14	20.60	29	42	22.4	Mer.	204	59	
	9	47.71	1			20.63			22.1	Mu.	132	97	
	8	46.63	1			20.68			....	Tr.	59	64	
	9	46.63	2			20.81			....	Tr.	59	63	
20599	10	48.74	1	21	14	22.33	17	10	....	Tr.	196	45	
	9	51.69	5			22.80			33.8	Tr.	273	61	
20600	9	46.69	2	21	14	23.48	33	25	....	Tr.	66	20	
20601	5	48.67	2	21	14	24.05[16]	23	18	21.4	Mer.	148	113	[16] One of three threads rejected; R. A.=$23^{s}.02$.
	5	48.63	3			24.24			20.0	Mu.	193	57	
20602	10	47.67	2	21	14	24.28	27	54	25.4	Tr.	127	20	
	9	46.70	3			24.68			20.6	Mer.	60	36	
	9	47.70	1			24.74			15.8	Tr.	132	37	
20603	11	48.55	2	21	14	27.45[17]	22	45	....	Tr.	179	33	[17] One of three threads rejected; R. A.=$28^{s}.28$.
	10	48.56	2			27.58			4.2	Mer.	135	36	
	11	48.55	1			27.65			11.7	Tr.	176	10	
20604	7.8	46.62	5	21	14	50.00	41	38	42.9	Mer.	53	15	
	4	46.79	7			50.17			44.9	Mer.	75	2	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20605	9	48.67	2	21	14	52.57	20	18	64.2[1]	Mer.	146	79	[1] Decl. changed one rev. north.
	10	48.66	1			52.95[2]			53.5[3]	Mu.	197	8	[2] R. A. decreased one thread interval.
	10	48.60	3			53.11			53.1	Mer.	137	101	[3] Decl. changed one rev. north.
	11	48.60	2			53.73			63.1	Mu.	188	72	
20606	9	51.68	5	21	15	0.89	18	55	28.0	Tr.	271	34	
	11	48.63	1			0.97			....[4]	Tr.	185	117	[4] Decl. changed one wire interval south.
	10	48.69	3			1.08			26.1	Tr.	193	35	
	10	48.59	3			1.35			....	Tr.	181	19	
20607	8.9	46.54	7	21	15	7.63	42	38	7.0	Mer.	45	11	
20608	6	46.71	2	21	15	12.44	25	50	24.5	Mu.	56	51	
	6	48.79	3			12.45			26.3	Mu.	209	25	
	8	46.72	3			12.46			25.3	Mer.	66	52	
	6	47.59	4			12.57			27.1	Mer.	196	67	
	6	46.61	3			12.69			....	Tr.	54	13	
	7	47.68	3			12.70[5]			25.6	Tr.	129	26	[5] One of four threads rejected; R. A. $=3^{s}.72$.
20609	11	48.79	1	21	15	17.33	15	40	....	Tr.	205	14	
20610	9	46.63	1	21	15	19.77	29	48	....	Tr.	59	65	
	10	47.71	2			19.78			38.9	Mer.	204	60	
	8	47.71	1			20.01			39.2	Mer.	203	32	
	8	47.70	1			20.19			38.5	Mu.	131	81	
20611	7.8	46.70	2	21	15	27.60	35	36	21.8	Tr.	68	6	
20612	9	47.71	2	21	15	29.71	29	52	47.0	Mer.	203	33	
	8.9	47.70	1			30.07			42.8[6]	Mu.	131	82	[6] Decl. changed five rev. south.
20613	8	47.68	2	21	15	30.65	26	11	58.4	Mer.	201	23	
	7	46.71	2			30.89			60.6	Mu.	56	52	
	9	48.63	3			31.03			58.9	Mu.	192	10	
	9	47.68	4			31.06[7]			55.4[8]	Mer.	105	34	[7] R. A. increased 1 min.
	8	46.61	5			31.10			61.6	Mer.	50	6	[8] Decl. changed two wire intervals north.
	7	47.72	6			31.20			59.0	Mer.	205	28	
	8.9	46.72	2			31.29			60.1	Mer.	66	53	
20614	8.9	48.55	3	21	15	32.21	23	23	11.3	Mu.	184	27	
	8.7	48.63	3			32.30			9.5	Mu.	193	58	
	5	48.67	3			32.31			10.0[9]	Mer.	148	114	[9] Decl. changed one rev. north.
	6	46.62	3			32.47			9.5	Mu.	46	21	
20615	10	48.79	1	21	15	33.64	17	4	....	Mer.	153	24	
	9	48.78	2			33.80			38.9	Mu.	208	34	
	10	48.74	1			33.82			....	Tr.	196	46	
20616	8	47.65	2	21	15	35.62	28	44	54.1	Mer.	199	95	
	9	46.56	6			36.26			54.1	Mer.	46	11	
	9	46.77	3			36.32			47.3[10]	Mer.	72	3	[10] Decl. changed one wire interval south.
20617	8	48.67	6	21	15	36.73	24	16	25.4	Mu.	203	41	
	5	46.62	3			36.59			....	Tr.	57	98	
	7	48.63	4			36.69			25.5	Mer.	140	26	
	9	47.82	3			36.82[11]			22.2[12]	Mer.	112	7	[11] R. A. decreased 1 min.
20618	6	48.69	4	21	15	38. . .[13]	21	29	11.3	Mu.	204	6	[12] Decl. changed five rev. north.
	5	48.56	4			38.51[14]			....	Tr.	180	58	[13] Separate threads give $38^{s}.96$, $39^{s}.13$, $37^{s}.51$, $37^{s}.82$. Gou gives $38^{s}.7$.
	..	48.56	4			38.76			11.7	Mu.	185	25	
20619	6.7	46.73	3	21	15	39.81	25	3	41.3	Mer.	70	16	[14] One of five threads rejected; R. A. $=40^{s}.14$.
	7	46.73	2			39.83			40.1	Mer.	68	75	
	6	46.73	7			39.83			40.3	Mer.	69	72	
	6	47.72	3			39.91			39.7	Mu.	134	51	
	8	47.76	4			40.04			39.4	Mer.	109	7	
20620	10	48.60	2	21	15	40.59	20	15	27.5	Mer.	137	102	
20621	9	48.67	1	21	15	44.31	20	25	57.2[15]	Mer.	146	80	[15] Decl. changed one wire interval south.
	10	48.67	2			44.55			58.5	Tr.	190	48	
20622	7	46.62	2	21	15	45. . .[16]	23	55	50.6[17]	Mu.	46	22	[16] Separate threads give $45^{s}.70$, $43^{s}.94$.
	7	48.63	3			45.34			50.1	Tr.	186	68	[17] Decl. changed one rev. south.
	9	48.55	2			45.39[18]			51.9	Mu.	184	28	[18] R. A. increased 10 sec.
	7	47.82	5			45.39			51.2	Mu.	142	8	
20623	10	48.56	2	21	15	47.65	22	29	31.1	Mer.	135	37	
	10	48.59	2			47.79			35.3	Mer.	136	30	
	9	48.55	2			48.00			31.5	Tr.	176	11	
	10	48.55	4			48.14			....[19]	Tr.	179	34	[19] Decl. changed two rev. south.
20624	9	48.63	1	21	15	48.00	24	18	21.1	Mer.	140	27	
20625	9	46.56	3	21	15	52.24	28	38	42.2	Mer.	46	12	
20626	9	46.70	5	21	15	59.82	27	41	54.0	Mer.	60	37	
20627	7	51.76	5	21	16	1.76	16	42	11.6	Mer.	244	1	
	9	48.78	2			1.92			9.0	Mu.	208	35	
20628	7	46.70	2	21	16	4.07[20]	35	29	42.6	Tr.	68	7	[20] R. A. decreased two thread intervals.
20629	7	46.80	5	21	16	5.92	44	25	4.3	Mer.	77	15	
20630	8	46.80	3	21	16	16.16	39	51	23.4	Mu.	74	3	
20631	10	47.71	4	21	16	26.54	26	44	43.7	Tr.	133	28	
	8	46.71	2			26.57			....[21]	Tr.	70	76	[21] Decl. changed one rev. north.
	9.10	46.77	4			26.62			48.0[22]	Mer.	71	14	[22] Decl. changed one wire interval north.
20632	8	47.70	4	21	16	30.31	28	19	20.9	Mer.	202	32	
	9	46.70	3			30.39			20.6	Mer.	60	38	
	8	46.60	3			30.45			....	Tr.	52	75	
	8.9	46.77	3			30.50			18.4	Mer.	72	4	
	10	46.73	2			30.58			20.1	Tr.	81	5	
	8	47.70	2			30.72			15.1	Tr.	132	38	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20633	10	48.59	3	21	16	31.30	19	35	....	Tr.	181	20	
	9	48.63	4			31.35			38.2	Mer.	141	91	
	10	48.67	2			31.48			39.8	Mu.	201	71	
20634	10	48.66	1	21	16	32.05	21	5	53.2	Mer.	144	44	
20635	9	46.70	3	21	16	35.54	36	28	44.0	Mu.	55	8	
20636	9	46.69	1	21	16	35.81	32	13	34.2	Mu.	52	8	
20637	10	48.78	1	21	16	38.71	16	37	21.5	Mu.	208	36	
20638	8	48.63	2	21	16	40.39	23	54	32.6	Tr.	186	69	
20639	8	46.73	3	21	16	41.17	24	42	11.4	Mer	70	17	
	9	46.73	3			41.36			8.6	Mer.	69	73	
	8	47.72	1			41.54			8.2	Mu.	134	52	
20640	9	46.61	2	21	16	41.31	25	32	....	Tr.	54	14	
	8.9	46.73	3			41.50			39.6	Mer.	68	76	
20641	10.11	47.71	3	21	16	42.76	29	6	53.7	Mer.	204	61	
20642	10	46.73	1	21	16	48.33	30	30	35.0	Tr.	77	9	
	8	47.71	2			48.40			35.8	Tr.	134	60	
20643	10	48.66	1	21	16	50.58	21	1	44.5	Mer.	144	45	
20644	10	48.79	1	21	16	50.70	17	2	....	Mer.	153	25	
	10	48.74	2			50.93			....	Tr.	196	47	
20645	8	47.82	1	21	16	52.17	24	13	6.2[1]	Mer.	112	8	[1] Decl. changed five rev. north.
	8	46.62	2			52.37			....	Tr.	57	99	
	8	48.63	2			52.52			2.7	Mer.	140	28	
20646	9.10	46.70	1	21	16	58.14[2]	36	11	2.9	Mu.	55	9	[2] CPD and CoD gives $62^{s}.7$.
20647	5	46.71	1	21	16	59.21	38	28	21.8	Tr.	71	27	
	6.7	46.71	5			59.50			21.1	Mu.	57	15	
20648	8.9	46.73	1	21	17	1.65	25	23	58.7	Mer.	68	77	
	8	48.79	1			3.03			60.1	Mu.	209	26	
20649	8	48.79	2	21	17	5.48	25	52	52.1	Mu.	209	27	
	7	47.72	3			5.55			50.9	Mer.	205	29	
	7	46.61	3			5.67			....	Tr.	54	15	
	8	47.68	3			5.70			50.0	Tr.	129	27	
	7.8	46.71	2			5.72			51.5	Mu.	56	53	
	8.9	46.72	3			5.73			53.3	Mer.	66	54	
	8	47.59	4			5.80			52.6	Mer.	196	68	
20650	8	47.71	2	21	17	8.00	30	34	18.6	Tr.	134	61	
	9	46.73	1			8.04			17.4	Tr.	77	10	
20651	10	48.60	2	21	17	8.95[3]	22	18	....	Tr.	182	78	[3] Separate threads give $8^{s}.60$, $9^{s}.30$.
	8.9	48.59	3			9.09			21.7	Mu.	187	27	
	9	48.55	2			9.27			21.4	Tr.	176	12	
	10	48.59	2			9.66			17.1[4]	Mer.	136	31	[4] Decl. changed three wire intervals north.
20652	7	48.63	2	21	17	9.86	24	27	53.6	Mer.	140	29	
	4	46.62	3			10.10			....	Tr.	57	100	
	8	48.67	5			10.13			54.4	Mu.	203	42	
20653	10	46.72	1	21	17	11.57[5]	37	5	10.8	Tr.	74	9	[5] R. A. decreased 1 min.
20654	8.9	46.54	4	21	17	13.94	42	43	4.7	Mer.	45	12	
20655	8	48.63	2	21	17	17.76	19	13	48.7	Mer.	141	92	
	9	48.67	3			17.88			46.9	Mu.	201	72	
20656	6.7	46.54	4	21	17	22.97	43	11	37.4	Mer.	45	13	
	4	46.80	7			23.21			32.8	Mer.	76	2	
20657	7	46.73	3	21	17	27.80	25	7	36.9	Mer.	70	18	
	8	47.76	3			27.82[6]			36.0	Mer.	109	8	[6] R. A. decreased one thread interval.
	7	47.72	1			27.88			37.5	Mu.	134	53	
	7	46.73	3			28.11			40.2	Mer.	69	74	
	7	46.73	1			28.49[7]			40.6	Mer.	68	78	[7] R. A. decreased three thread intervals.
20658	9	46.73	1	21	17	28.52	25	1	14.4	Mer.	69	75	
	8	47.72	1			28.69			15.5	Mu.	134	54	
20659	10	47.67	2	21	17	29.45	27	48	41.2	Tr.	127	21	
	9	46.70	4			29.75			40.3	Mer.	60	39	
	10	46.71	2			29.98			36.9	Mer.	62	25	
20660	9	51.69	5	21	17	32.27	17	10	56.4	Tr.	273	62	
20661	9	48.67	3	21	17	34.04	23	6	48.5	Mer.	148	115	
20662	9	48.55	3	21	17	34.10	31	6	19.0	Mer.	134	164	
20663	10	46.72	1	21	17	37.62	36	36	13.4	Tr.	74	10	
20664	9	46.73	2	21	17	39.37	25	7	29.1	Mer.	69	76	
20665	9	46.70	1	21	17	40.49	35	39	49.6	Tr.	68	8	
20666	9	48.59	1	21	17	41.10	22	28	27.5	Mer.	136	32	
	8	48.55	2			41.31			26.2	Tr.	176	13	
	9.10	48.56	3			41.32			27.4	Mer.	135	38	
	8	48.59	2			41.38			28.2[8]	Mu.	187	28	[8] Decl. changed one rev. north.
	8	48.55	3			41.56			....	Tr.	179	35	
20667	8	47.70	3	21	17	44.18	31	7	57.9[9]	Tr.	130	38	[9] Decl. changed one rev. south.
	7.8	48.55	4			44.32[10]			58.7	Mer.	134	165	[10] Two threads decreased one thread interval each.
	8	46.61	4			44.32			56.0	Mu.	44	83	
20668	10	46.72	2	21	17	46.75	34	33	....	Tr.	73	34	
20669	8	47.71	2	21	17	49.97	29	39	18.7	Mu.	132	98	
	9	47.71	3			50.09			16.1	Mer.	204	62	
	8.9	46.70	5			50.39			18.2	Mer.	58	28	
	7	46.63	2			50.45			....	Tr.	59	66	
	8	46.73	3			50.47			17.1	Mu.	61	43	
	7	47.70	3			50.53			16.7	Mu.	131	83	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20670	9	48.56	2	21	17	51.09	21	38	....	Tr.	180	59	
	8	48.56	2			51.15			37.6	Mu.	185	26	
	8	48.69	2			51.23[1]			37.4	Mu.	204	7	[1] One of three threads rejected; R. A.=$50^{s}.36$.
20671	9.10	48.72	2	21	17	52.74	18	47	37.7	Mu.	205	60	
	9	48.69	2			53.14			37.4	Tr.	193	36	
	9	48.63	3			53.16			....	Tr.	185	118	
20672	10	48.66	1	21	17	56.88	21	4	8.3	Mer.	144	46	
20673	9	46.73	2	21	17	56...[2]	28	36	62.8	Mu.	63	7	[2] Separate threads give $56^{s}.23$, $57^{s}.18$.
	9	47.70	2			56...[3]			61.6	Mer.	202	33	[3] Separate threads give $57^{s}.19$, $55^{s}.94$.
	8.9	46.56	6			56.88			58.0	Mer.	46	13	
	8	47.65	4			56.92			59.1[4]	Mer.	199	96	[4] Decl. changed one wire interval north.
20674	9	46.72	3	21	18	4.36	37	45	12.3	Mu.	60	34	
20675	9	46.70	2	21	18	5.01	35	32	52.8	Tr.	68	9	
20676	4.3	48.63	4	21	18	5.77	23	3	27.7	Mu.	193	59	
	3	48.67	5			5.78[5]			26.8	Mer.	148	116	[5] R. A. increased 1 min.
20677	9	46.72	2	21	18	9.60	37	29	3.7[6]	Mu.	60	35	[6] Decl. changed ten rev. north.
20678	10	48.72	3	21	18	9.92	18	31	26.9	Mer.	149	57	
20679	9	48.79	4	21	18	10.74	15	53	....	Tr.	205	15	
	6	51.82	5			10.82			24.5	Mu.	282	36	
20680	9	51.68	5	21	18	12.86	17	29	8.7	Mer.	243	26	
20681	10	46.79	2	21	18	22.27	39	30	54.5	Tr.	94	6	
20682	9	46.71	1	21	18	23.00	38	55	1.2	Mu.	57	17	
20683	9	47.71	1	21	18	23.03[7]	29	47	2.9	Mu.	132	99	[7] R. A. increased one thread interval.
	9	46.73	1			24.63[8]			1.7	Mu.	61	44	[8] "Time of transit doubtful." GZ gives $24^{s}.2$.
20684	9	51.68	5	21	18	23.62[9]	17	54	47.5	Mer.	243	27	[9] Separate threads give $23^{s}.30$, $23^{s}.42$, $23^{s}.75$, $23^{s}.78$, $23^{s}.85$.
	8	51.68	5			23.74			52.2	Mu.	278	20	
20685	8	46.69	2	21	18	29.04	33	31	....	Tr.	66	21	
20686	9.10	46.71	1	21	18	30.11	38	55	41.9	Mu.	57	16[10]	[10] Unidentified. Looked for with equatorial but not found.
20687	10	46.69	2	21	18	30.21	33	8	....	Tr.	66	22	
20688	8	46.61	3	21	18	31.66	31	29	35.4	Mu.	44	84	
	8	48.55	2			31.95			35.0	Mer.	134	166	
20689	9	46.74	3	21	18	36.29	27	28	32.6	Mu.	65	10	
20690	9	48.60	2	21	18	36.89	19	42	9.2	Mer.	237	104	
	8	48.67	1			37.16			10.3	Mu.	201	73	
	9	48.59	1			37.16			....	Tr.	181	21	
	8	48.63	3			37.54			11.1	Mer.	141	93	
	9	48.66	2			37.55			12.4	Mu.	197	9	
20691	10	48.63	1	21	18	36.65	19	2	....[11]	Tr.	185	119	[11] Decl. changed three wire intervals south.
	10	48.69	1			36.93			15.7	Tr.	193	37	
20692	7.8	46.69	4	21	18	39.73	32	26	37.7	Mu.	52	9	
20693	9	47.71	1	21	18	43.52	29	15	21.8	Mer.	204	63	
	11	46.63	1			44.23			....	Tr.	59	67	
20694	7	47.65	2	21	18	43...[12]	28	22	22.2	Mer.	199	97	[12] Separate threads give $43^{s}.91$, $42^{s}.63$.
	7	47.70	2			43.60[13]			24.5[14]	Mer.	202	34	[13] One of three threads rejected; R. A.=$42^{s}.46$.
	6.7	47.65	4			43.87			24.3	Mu.	128	120	[14] Decl. changed ten rev. south.
	8	46.73	4			43.95			23.8	Tr.	81	6	
	7.8	46.77	5			43.99			22.1	Mer.	72	5	
	8	46.70	4			44.05			24.4	Mer.	60	40	
	7	47.70	2			44.23			18.0	Tr.	132	39	
20695	7	48.69	4	21	18	44.08	21	50	30.2	Mu.	204	8	
	7	48.60	3			44.25			....	Tr.	182	79	
20696	10	48.74	1	21	18	46.17	17	4	....	Tr.	196	48	
	9.10	48.78	2			46.60[15]			49.0	Mu.	208	37	[15] One of three threads rejected; R. A.=$45^{s}.37$.
20697	10	48.60	2	21	18	46.98	19	57	33.3	Mer.	137	103	
	8	48.66	2			47.29			31.5	Mu.	197	10	
20698	8.9	48.67	4	21	18	47.37	24	15	48.7	Mu.	203	43	
	8	47.82	3			47.40			51.5[16]	Mer.	112	9	[16] Decl. changed one rev. south.
	8	48.63	4			47.60			48.8	Mer.	140	30	
20699	9	48.67	3	21	19	0.76	20	51	22.5	Mer.	146	82	
	9	48.67	1			0.80			26.4	Tr.	190	49	
	9.10	48.66	1			0.90			42.5[17]	Mer.	144	47	[17] If micrometer reading be assumed as 34.27 instead of 33.77 rev., as recorded, Decl.=25″.3.
	9	48.60	1			1.21			23.6	Mu.	188	73	
20700	10	48.66	1	21	19	1.31	20	54	51.1	Mer.	144	48	
	9	48.67	1			1.80			58.4	Mer	146	81	
	10	48.60	1			1.86			54.3	Mu	188	74	
	9	48.56	2			2.15			....	Tr.	180	60	
20701	9	47.71	2	21	19	3.53	30	18	50.7	Tr.	134	62	
	10	47.71	1			4.26			51.4[18]	Mer.	203	34	[18] Decl. changed ten rev. north.
20702	10	51.82	5	21	19	14.23	15	31	24.8	Mu.	282	37	
20703	8.9	46.69	1	21	19	25.74	32	52	13.7	Mu.	52	10	
20704	8	47.72	2	21	19	26.21	25	56	1.1	Mer.	205	30	
	9	46.72	4			26.35			3.2	Mer.	66	5	
	9	47.59	3			26.50			7.6[19]	Mer.	196	69	[19] Decl. changed one wire interval south.
	8	46.61	2			26.63			....	Tr.	54	16	
	9	48.79	1			26.79			6.6	Mu.	209	28	
20705	9	51.68	5	21	19	26.43	17	31	45.0	Mer.	243	28	
20706	9	48.63	2	21	19	30...[20]	23	34	46.2	Tr.	186	70	[20] R. A. decreased 1 min. Separate threads give $30^{s}.12$, $31^{s}.11$. GZ gives $30^{s}.2$.
20707	7	47.67	2	21	19	33.87	27	10	55.1[21]	Tr.	127	22	
	8.9	46.71	5			33.97			70.2	Mer.	62	26	[21] If micrometer reading be assumed as 4.30 instead of 4.00 rev., as recorded, Decl.=70″.3.
	7	46.77	6			34.26			71.6	Mer.	71	15	
	8	47.71	3			34.30			70.7	Tr.	133	29	
	7.8	46.74	2			34.33			69.6	Mu.	65	11	
	7	46.71	2			34.39			....	Tr.	70	77	
20708													No star belongs to this number.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20709	9.10	46.71	2	21	19	34.42	38	3	8.6	Tr.	71	28	
20710	9	48.59	1	21	19	39.56	22	21	51.6	Mer.	136	33	
	9	48.55	2			39.76			50.0	Tr.	176	14	
	9.10	48.56	2			39.81[1]			46.1	Mer.	135	39	[1] R. A. decreased 1 min.
	9	48.59	1			40.21			48.3	Mu.	187	29	
20711	9.10	46.72	2	21	19	41.18	25	44	45.3	Mer.	66	56	
	8.9	46.73	3			41.25			42.7	Mer.	68	79	
	8	47.59	2			41.38			40.0	Mer.	196	70	
	9	48.79	1			41.43			41.1	Mu.	209	29	
	9	46.61	3			41.51			....	Tr.	54	17	
	10	47.68	2			41.55			42.2	Tr.	129	28	
20712	9	48.78	2	21	19	44.38	16	53	34.2	Mu.	208	38	
	10	48.74	1			44.48			....	Tr.	196	49	
20713	10	47.72	2	21	19	48. . .[2]	26	22	39.7	Mer.	205	31	[2] Separate threads give $47^{s}.97$, $49^{s}.12$. AW gives $48^{s}.9$. GZ gives $49^{s}.1$.
20714	12	48.79	1	21	19	48.86	15	28	....	Tr.	205	16	
20715	9	48.63	3	21	19	51.59	24	16	6.8	Mer.	140	31	
20716	10	46.79	3	21	19	55.77	39	28	43.9	Tr.	94	7	
20717	7	47.72	2	21	19	58.32	26	17	36.2	Mer.	205	32	
	7	47.68	1			58.42			36.1	Mer.	201	24	
	8	46.61	5			58.49			35.5	Mer.	50	7	
	7	46.71	3			58.51			37.3	Mu.	56	54	
	8	47.68	3			58.54[3]			35.7	Mer.	105	35	[3] R. A. decreased 1 min. One of four threads rejected; R. A. = $59^{s}.70$.
	8	48.63	1			59.04			38.2	Mu.	192	11	
20718	10	47.65	3	21	19	58.46[4]	28	50	49.3	Mer.	199	98	[4] Two threads increased 10 sec. each.
20719	8	47.70	3	21	19	59.49	28	23	11.5	Mer.	202	35	
	9	46.77	2			59.70			12.0	Mer.	72	6	
	11	46.73	1			59.74			11.6	Tr.	81	7	
	9	46.70	3			59.79			16.3	Mer.	60	41	
	9	47.70	2			59.87			7.9	Tr.	132	40	
	7.8	47.65	1			59.90			12.9	Mu.	128	121	
20720	10	48.72	5	21	20	0.71	17	54	27.0	Mer.	149	58	
	8	51.68	3			0.81			26.3	Mu.	278	21	
20721	9	46.56	5	21	20	1.23	28	36	32.6	Mer.	46	14	
20722	9	47.59	1	21	20	2.17	26	0	23.5	Mer.	196	71	
20723	10	48.67	2	21	20	4.23	23	19	14.5	Mer.	148	117	
20724	6.7	46.56	1	21	20	5.38	31	53	18.1	Tr.	48	1	
20725	10	48.59	2	21	20	6.65	19	18	....[5]	Tr.	181	22	[5] Decl. changed one wire interval north.
	9	48.63	1			6.75			59.3	Mer.	141	94	
20726	4.5	46.80	6	21	20	9.15	44	9	19.3[6]	Mer.	77	16	[6] Decl. changed one rev. north.
	7.8	46.72	5			9.25			24.3	Mer.	67	17	
20727	4	48.59	2	21	20	9. . .[7]	22	27	24.9	Mer.	136	34	[7] Separate threads give $11^{s}.84$, $9^{s}.63$.
	7	48.56	1			9.46[8]			25.4	Mer.	135	40	[8] R. A. decreased 1 min. and increased one thread interval.
	5	48.55	4			9.52[9]			....	Tr.	179	36	
	5	48.59	2			9.98			25.2	Mu.	187	30	[9] R. A. decreased one thread interval.
	5	48.55	2			10.05			22.5	Tr.	176	15	
20728	8	46.71	2	21	20	10.27	38	44	5.8	Mu.	57	18	
20729	9	46.73	5	21	20	12.66[10]	24	37	21.5[11]	Mer.	69	77	[10] One of six threads rejected; R. A. = $11^{s}.91$.
	8	47.72	1			13.13			21.5	Mu.	134	55	[11] Micrometer record confused; interpreted as being 36 rev.
20730	10	48.67	2	21	20	13. .[12]	23	18	22.6	Mer.	148	118	
20731	9.10	48.78	1	21	20	18.61	16	48	1.0	Mu.	208	39	[12] Separate threads give $12^{s}.99$, $13^{s}.81$. CPD gives $13^{s}.9$.
20732	8	47.70	1	21	20	20.33	27	55	65.6	Mer.	202	36	
	9	46.70	3			20.48			62.3	Mer.	60	42	
	8	47.70	1			20.74			59.9	Tr.	132	41	
	7	47.65	1			20.75			60.6	Mu.	128	122	
20733	8.9	46.69	1	21	20	26.65	32	38	44.5	Mu.	52	11	
20734	7	48.55	2	21	20	28.36	31	3	44.4	Mer.	134	167	
	7.8	47.71	2			28.46			51.8	Tr.	134	63	
	8	47.61	2			28.48[13]			42.0	Mer.	198	33	[13] One of three threads rejected; R. A. = $29^{s}.48$.
	8	47.70	2			28.50			38.4	Tr.	130	39	
	8	46.61	4			28.58			45.2	Mu.	44	85	
	5.6	46.73	1			28.62			45.4	Tr.	77	11	
20735	7	48.55	2	21	20	30.45	31	16	41.3	Mer.	134	168	
20736	9	46.71	2	21	20	31.58	38	20	29.0	Tr.	71	29	
20737	10	51.82	5	21	20	35.53	15	28	24.4	Mu.	282	38	
20738	9	48.55	1	21	20	37.31	31	14	16.1[14]	Mer.	134	169	[14] Decl. changed one rev. south.
20739	10	48.66	2	21	20	38.94	20	11	30.8	Mu.	197	11	
	9	48.60	3			39.08			28.9[15]	Mer.	137	105	[15] Reduced for 50.082 instead of 50.82 rev., as recorded.
20740	10	47.71	1	21	20	38.94	29	26	41.1	Mer.	204	64	
	9	46.63	2			40.00			....[16]	Tr.	59	68	[16] Decl. changed two rev. south.
20741	9	48.63	3	21	20	44.26	24	26	45.4	Mer.	140	32	
	8	46.76	2			44.29			....[17]	Tr.	83	1	[17] Decl. changed one rev. north.
20742	7.8	47.65	1	21	20	45.62	27	47	30.1	Mu.	128	123	
	9	46.70	3			45.72			34.6	Mer.	60	43	
	9.10	46.71	2			46.71[18]			31.2	Mer.	62	27	[18] One of three threads rejected; R. A. = $45^{s}.79$.
20743	10	47.76	3	21	20	51.57	25	27	12.9	Mer.	109	9	
	10	48.79	1			51.62			7.6	Mu.	209	30	
	9	46.73	2			51.93			8.7	Mer.	68	80	
20744	9	48.67	2	21	21	5.49	20	24	66.1	Mer.	146	83	
	9	48.67	3			5.98			56.9	Tr.	190	50	
	10	48.60	2			6.09			62.2	Mu.	188	75	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20745	9	47.71	2	21	21	9.40	30	46	20.6	Tr.	134	64	
	10	46.73	1			9.52			17.5	Tr.	77	12	
	9	47.61	1			9.81			19.5	Mer.	198	34	
20746	11	48.55	2	21	21	12.94[1]	22	40	....	Tr.	179	37	[1] One of three threads rejected; R. A.=$13^{s}.68$.
20747	9	46.70	4	21	21	17.56	36	39	6.4	Mu.	55	10	
	10	46.72	1			17.59			3.5	Tr.	74	11	
20748	9	48.63	2	21	21	18.21	23	53	48.5	Tr.	186	71	
	8	46.62	1			18.24			44.2	Mu.	46	23	
	10	48.55	1			19.33[2]			44.2	Mu.	184	29	[2] "Time of transit doubtful."
20749	8.9	46.79	3	21	21	20.71	39	17	23.0	Tr.	94	8	
20750	10	48.63	2	21	21	26.76	19	0	....	Tr.	185	120	
	10	48.69	2			26.82			12.0	Tr.	193	38	
	8	51.68	5			26.84			11.1	Tr.	271	35	
	11	48.59	1			26.93			....	Tr.	181	23	
20751	9.10	48.63	2	21	21	29.39	23	51	52.4	Tr.	186	72	
	10	48.55	1			30.56[3]			48.0	Mu.	184	30	[3] "Time of transit doubtful." R. A. increased one thread interval.
20752	9	47.71	3	21	21	32.42	29	29	31.9	Mer.	204	65	
	7.8	47.71	3			32.48			33.1	Mu.	132	100	
	9	46.70	2			32.59			31.8	Mer.	58	29	
	8	46.63	2			32.87			....	Tr.	59	69	
20753	10	48.67	2	21	21	34.07	23	25	15.6	Mer.	148	119	
20754	8.9	48.60	3	21	21	34.17	19	47	59.9	Mer.	137	106	
	9	48.63	3			34.22			56.3	Mer.	141	95	
	7	48.67	2			34.37[4]			59.9	Mu.	201	74	[4] One of three threads rejected; R. A.=$35^{s}.20$.
20755	9	51.82	5	21	21	41.42	15	48	38.1	Mu.	282	39	
	10	48.79	3			42.01			....	Tr.	205	17	
20756	7.8	46.72	5	21	21	43.44	37	12	8.3	Mu.	60	36	
20757	8	46.73	2	21	21	44.66	25	4	52.0	Mer.	68	81	
	9	47.76	4			44.73			51.8[5]	Mer.	109	10	[5] Decl. changed two wire intervals south and one rev. north.
	8	46.73	5			44.75			52.8	Mer.	70	19	
	7.8	47.72	3			44.90			50.6	Mu.	134	56	
	9	46.73	7			44.96			51.4	Mer.	69	78	
20758	7	46.71	2	21	21	45.15	25	50	45.4	Mu.	56	56	
	9	48.79	2			45.46			47.1	Mu.	209	31	
	8	47.68	3			45.66			47.2	Tr.	129	29	
	8	46.72	3			45.70			47.3	Mer.	66	57	
	8	47.59	4			45.80			44.1	Mer.	196	72	
	6	46.61	2			45.83			....	Tr.	54	18	
20759	10	48.74	3	21	21	59.12	16	57	....	Tr.	196	50	
	8	48.78	3			59.22			30.1	Mu.	208	40	
	9	48.79	3			59.55			....	Mer.	153	26	
20760	7.8	46.61	5	21	22	2.24	26	21	54.3	Mer.	50	8	
	8	47.68	4			2.35			53.3	Mer.	105	36	
	7	47.72	3			2.39			50.4	Mer.	205	33	
	7	46.71	3			2.45			52.6	Mu.	56	55	
	6	47.68	5			2.52			47.8	Mer.	201	25	
	8	48.63	3			2.64			50.9	Mu.	192	12	
20761	9	47.71	1	21	22	10.25	29	22	57.3	Mer.	204	66	
	8	47.71	1			10.72			60.8	Mu.	132	101	
	9	46.63	3			10.93			....[6]	Tr.	59	70	[6] Decl. changed one wire interval north.
20762	9	51.68	5	21	22	11.57	17	33	37.5	Mer.	243	29	
20763	7	47.65	1	21	22	15.03	27	47	39.6	Mu.	128	124	
	9	47.67	3			15.15			38.6	Tr.	127	23	
	9	46.70	5			15.17			38.8	Mer.	60	44	
	8	47.70	1			15.23			36.5	Tr.	132	42	
	9	46.74	2			15.28			40.4[7]	Mu.	65	12	[7] Decl. changed five rev. south.
	9.10	46.71	5			15.30			37.7	Mer.	62	28	
20764	10	48.55	2	21	22	15.25	31	17	55.0	Mer.	134	170	
20765	10	46.72	2	21	22	17.15	34	32	....	Tr.	73	35	
20766	10	47.65	3	21	22	26.24	28	56	26.6	Mer.	199	99	
	9	46.56	4			26.42			22.5	Mer.	46	15	
20767	9	46.70	2	21	22	30.03	35	43	58.0[8]	Tr.	68	10	[8] Decl. changed one rev. north.
20768	3.4	46.79	7	21	22	35.14	41	50	4.1	Mer.	75	3	
20769	10	48.55	1	21	22	36.71	31	28	8.6	Mer.	134	171	
20770	9	46.70	2	21	22	37.69[9]	36	13	38.6	Mu.	55	11	[9] One of three threads rejected; R. A.=$36^{s}.59$.
20771	10	48.67	2	21	22	49.25[10]	23	13	45.3	Mer.	148	120	[10] One of three threads rejected; R. A.=$50^{s}.60$.
20772	10	48.69	3	21	22	50.11	18	47	6.3	Tr.	193	39	
	9	51.68	5			50.20			6.3	Tr.	271	36	
	11	48.63	1			50.34[11]			....[12]	Tr.	185	121	[11] R. A. increased 10 sec.
20773	8	46.56	1	21	22	51.36	32	12	18.5	Tr.	48	2	[12] Decl. changed one wire interval north.
	8	46.69	4			51.46			16.5	Mu.	52	12	
20774	9	46.71	2	21	22	51.41	26	45	....	Tr.	70	79	
20775	7	51.68	5	21	22	54.47	17	54	54.8	Mu.	278	22	
	8	51.68	3			54.64[13]			53.1	Mer.	243	30	[13] Two of five threads rejected; R. A.=$54^{s}.28$, $55^{s}.06$.
	9	48.72	4			54.99			56.4	Mer.	149	59	
20776	10	47.65	1	21	22	56.62	29	5	23.9	Mer.	199	100	
20777	9.10	46.73	2	21	22	56.82	25	5	47.7	Mer.	68	82	
	9	46.73	4			57.28			50.7	Mer.	69	79	
20778	12	47.71	2	21	22	58.15[14]	26	57	14.9	Tr.	133	30	[14] One of three threads rejected; R. A.=$58^{s}.98$.
	9	47.71	5			58.59			15.6	Mer.	107	43	
	11	46.71	2			58.74			....	Tr.	70	78	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20779	7	46.71	1	21	22	58.97	25	57	23.5	Mu.	56	57	
	7	47.72	2			59. . .[1]			27.1	Mer.	205	34	[1] Separate threads give 59^{s}.22, 58^{s}.35.
	8	46.72	3			59.20			27.4	Mer.	66	58	
	7	46.61	1			59.22			....	Tr.	54	19	
	6	47.68	1			59.30			27.2	Mer.	201	26	
	8	47.68	1			59.56			24.4	Tr.	129	30	
	9	47.59	2			59.67			27.2	Mer.	196	73	
	8	48.79	1			61.19			31.3	Mu.	209	32	
20780	8	48.66	3	21	22	59.41	19	53	36.7	Mu.	197	12	
	9	48.60	3			59.57			37.9	Mer.	137	107	
20781	8	48.55	3	21	23	0.31	22	39	....[2]	Tr.	179	38	[2] Decl. changed one wire interval south.
	9	48.55	2			0.43			60.5	Tr.	176	16	
	9	48.59	2			0.59			58.8	Mu.	187	31	
	9	48.59	2			0.71			59.4	Mer	136	35	
20782	10	48.66	2	21	23	6.28	21	13	24.1	Mer.	144	49	
20783	8	47.71	1	21	23	8.31	28	59	46.0	Mu.	132	102	
	9	47.65	2			8.40			46.3	Mer.	199	101	
	9	46.56	5			8.96			40.0	Mer.	46	16	
20784	5.6	46.70	3	21	23	9.33	34	36	7.9	Mu.	53	28	
	5	46.72	2			9.53			....	Tr.	73	36	
20785	7	47.72	2	21	23	10 . .[3]	26	4	17.3	Mer.	205	35	[3] Separate threads give 10^{s}.65, 9^{s}.65.
	7.8	48.63	3			10.42			10.7	Mu.	192	13	
	8	46.72	2			10.56			9.8	Mer.	66	59	
	8	46.61	4			10.56			8.4	Mer.	50	9	
	6	47.68	2			10.78[4]			14.9	Mer.	201	27	[4] R. A. decreased one thread interval.
	7	46.71	1			10.88			10.4[5]	Mu.	56	58	[5] Decl. changed five rev. south.
	9	47.59	1			10.88			11.6	Mer.	196	74	
20786	10	48.67	2	21	23	17.74	20	49	4.0	Tr.	190	51	
20787	8	46.72	2	21	23	25.93	25	53	4.5	Mer.	66	60	
	9	47.59	1			26.39			5.6	Mer.	196	75	
	8	46.71	1			27.75			3.4	Mu.	56	59	
20788	9	46.70	1	21	23	29.68	35	0	2.0	Mu.	53	29	
20789	9	47.71	3	21	23	34.33	29	27	15.9	Mer.	204	67	
	11	46.63	2			34.48			....	Tr.	59	71	
20790	9	48.55	3	21	23	40.20	23	43	2.5	Mu.	184	31	
	8	48.63	3			40.25			3.9	Tr.	186	73	
	8	46.62	3			40.25			1.4	Mu.	46	24	
	7.8	47.82	4			40.38			2.1	Mu.	144	1	
	8	47.82	2			40.39			2.7	Mu.	142	9	
20791	10	48.69	1	21	23	44.82	18	53	54.4	Tr.	193	40	
20792	7	48.67	2	21	23	49.43	23	17	13.6	Mer.	148	121	
	9	48.63	3			49.49			14.7	Mu.	193	60	
20793	7	46.61	2	21	23	53. . .[6]	25	14	57.9	Mu.	43	1	[6] Separate threads give 54^{s}.74, 53^{s}.79.
	7	47.54	1			53.55			60.5	Mu.	123	93	
	6	46.73	4			54.12			59.2	Mer.	70	20	
	6.7	46.73	5			54.15			61.9	Mer.	68	83	
	7.8	46.73	4			54.17			57.3	Mer.	69	80	
	6	47.72	3			54.32			58.7	Mu.	134	57	
	7	47.76	5			54.37			57.8	Mer.	109	11	
20794	8	48.63	3	21	23	56.59[7]	19	41	8.2	Mer.	141	96	[7] One of four threads rejected; R. A.=57^{s}.94.
20795	9	48.56	2	21	23	57.44	21	36	64.6[8]	Mu.	185	27	[8] Decl. changed five rev. north. If micrometer reading be assumed as 11.906 instead of 6.506 rev., as recorded, Decl.=39″.5. AW gives 40″. CiZ gives 42″.
	9.10	48.69	4			57.55			38.5	Mu.	204	9	
	10	48.60	2			57.56			....[9]	Tr.	182	80	
	10	48.56	3			57.74[10]			....[11]	Tr.	180	61	
20796	9	46.73	1	21	23	59.71	24	48	26.9	Mer.	69	81	[9] Decl. changed one wire interval north.
	10	47.82	4			59.98			36.5	Mer.	113	1	[10] R. A. decreased 1 min.
	7.8	47.72	2			60.02			32.6	Mu.	134	58	[11] Decl. changed one rev. south.
	8	46.73	2			60.05			35.6	Mer.	70	21	
	7	46.76	2			60.09			....	Tr.	83	2	
	8	48.63	3			60.24			31.5	Mer.	140	33	
	8	46.61	1			60.26			30.3	Mu.	43	2	
20797	9	46.56	2	21	24	6.11	28	40	33.9	Mer.	46	17	
	9	47.65	1			6.18			30.4	Mer.	199	102	
	9.10	46.77	3			6.96			33.9	Mer.	72	7	
20798	8	47.61	2	21	24	6.22[12]	30	47	55.8	Mer.	198	35	[12] One of three threads rejected; R. A.=7^{s}.19.
	9	46.73	4			6.54			56.6	Tr.	77	13	
	9	47.71	3			6.65			59.5	Tr.	134	65	
20799	9	47.68	2	21	24	6.44[13]	26	4	19.8	Mer.	105	37	[13] One of three threads rejected; R. A.=5^{s}.19.
20800	..	48.66	1	21	24	7.49	21	2	35.2	Mer.	144	50	
20801	10	48.55	2	21	24	7.82	22	26	5.7	Tr.	176	17	
	11	48.55	3			7.93			....	Tr.	179	39	
	10	48.59	2			7.93			5.9[14]	Mer.	136	36	[14] Decl. changed one rev. south.
20802	9	51.78	5	21	24	8.23	16	22	11.4	Mu.	281	14	
	..	51.76	5			8.28			....	Mer.	244	3	
	..	51.76	5			8.34			....	Mer.	244	4	
	7	51.76	5			8.40			11.5	Mer.	244	2	
20803	12	47.71	2	21	24	17. . .[15]	27	10	26.5[16]	Tr.	133	31	[15] Separate threads give 18^{s}.14, 17^{s}.18.
	9	46.71	2			17.03			....	Tr.	70	80	[16] Decl. changed two rev. north.
	9	47.71	3			17.43			23.9	Mer.	107	44	
20804	9	46.71	5	21	24	18.89	27	38	12.5	Mer.	62	29	
	9	47.67	3			19.15			9.0	Tr.	127	24	
	8	46.74	2			19.20			9.6	Mu.	65	13	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20805	9	46.70	7	21	24	23.96	27	59	53.3	Mer.	60	45	
20806	10	48.59	2	21	24	25.27 [1]	19	14	.... [2]	Tr.	181	24	[1] One of three threads rejected; R. A.=$26^s.28$.
	10	48.67	2			25.40			23.3	Mu.	201	75	[2] Decl. changed one wire interval and one rev. north.
	8	48.63	2			25.68			21.3	Mer.	141	97	
20807	8	46.70	2	21	24	30.08	35	35	56.7	Tr.	68	11	
20808	9	48.67	3	21	24	36.21	20	56	46.4	Mer.	146	84	
	10	48.60	1			37.07			46.4	Mu.	188	76	
20809	9	51.68	5	21	24	36.35	18	13	26.2	Mu.	278	23	
20810	11	48.67	2	21	24	38.07	20	43	26.2	Tr.	190	52	
20811	9	51.68	5	21	24	41.09	18	34	50.9	Tr.	271	37	
20812	6	46.72	7	21	24	41.36	43	35	7.0	Mer.	67	18	
	6	46.80	6			41.45			4.2	Mer.	76	3	
20813	6	47.70	2	21	24	41.52	28	32	55.8	Tr.	132	43	
	9	47.65	1			41.62			52.5	Mer.	199	103	
	7	46.73	3			41.76			39.9 [3]	Mu.	63	8	[3] If micrometer reading be assumed as 44.175 instead of 44.475 rev., as recorded, Decl.=58″.8.
	7	47.65	2			41.79			57.8	Mu.	128	125	
	7	46.77	2			41.79 [4]			54.0	Mer.	72	8	
	8	46.73	3			41.85			56.2	Tr.	81	8	[4] One thread increased 30 sec.
	7	47.70	3			42.09			56.2	Mer.	202	37	
20814	9	48.56	2	21	24	43.99 [5]	21	20	11.7	Mu.	185	28	[5] One thread decreased 10 sec.
20815	8	48.63	2	21	24	49.91 [6]	19	13	45.6	Mer.	141	98	[6] One of three threads rejected; R. A.=$48^s.71$.
	9	48.67	2			49.95			42.6 [7]	Mu.	201	76	[7] Decl. changed one rev. south.
	9	48.59	1			50.91			....	Tr.	181	25	
20816	9.10	48.69	1	21	24	55.59	21	56	11.6	Mu.	204	10	
	11	48.60	1			55.69			....	Tr.	182	81	
20817	8	47.71	1	21	24	56.74	30	7	42.9	Mer.	203	35	
	8	46.73	4			58.28			42.3	Mu.	61	45	
	8	47.70	3			58.61			43.2	Mu.	131	84	
20818	9	46.61	3	21	25	4.15	25	53	....	Tr.	54	20	
	11	47.68	2			4.20			54.1	Tr.	129	31	
	10	48.79	2			4.32			52.5	Mu.	209	33	
20819	.9	48.55	1	21	25	6.51	22	19	23.6	Tr.	176	18	
20820	10	48.59	2	21	25	8.94	22	37	42.0	Mer.	136	37	
	9	48.55	1			9.06			39.5	Tr.	176	19	
	10	48.55	1			9.16			....	Tr.	179	40	
20821	10	46.56	1	21	25	8.95	32	19	33.1	Tr.	48	3	
	9	46.69	3			9.20			34.5	Mu.	52	13	
20822	9	48.78	2	21	25	12.. [8]	16	42	37.1	Mu.	208	41	[8] First thread increased one thread interval. Separate threads give $12^s.16$, $10^s.60$. Second thread, record uncertain, may be 1 sec. larger than here given. AG gives $12^s.1$.
20823	8	47.71	2	21	25	12.36	30	45	13.6	Tr.	134	66	
	9	46.73	3			12.51			13.1	Tr.	77	14	
	8	47.61	2			12.89			11.3	Mer.	198	36	
20824	6	46.80	5	21	25	18.44 [9]	40	11	18.6	Mer.	78	1	[9] One of six threads rejected; R. A.=$19^s.17$.
	8	46.80	2			18.66			16.9	Mu.	74	4	
20825	9	47.65	1	21	25	20.61	28	33	37.3	Mer.	199	104	
	8	46.77	3			21.92			36.8	Mer.	72	9	
	10	46.73	1			21.92			39.2	Tr.	81	9	
	8	46.73	2			22.. [10]			38.1	Mu.	63	9	[10] Separate threads give $22^s.14$, $21^s.10$.
	7	47.65	1			22.22			39.7	Mu.	128	126	
	8	47.70	1			22.39			41.2	Mer.	202	38	
20826	9	48.74	4	21	25	22.69	16	51	....	Tr.	196	51	
	7.8	48.78	2			22.77			27.6	Mu.	208	42	
	9	48.79	4			22.82			....	Mer.	153	27	
20827	11	46.72	2	21	25	24.89	34	28	....	Tr.	73	37	
20828	10	47.76	2	21	25	25.95	25	9	44.6	Mer.	109	12	
	9	46.73	4			26.37			49.4	Mer.	69	82	
20829	6.7	46.72	6	21	25	27.15	37	18	33.9	Mu.	60	37	
	8	46.72	1			27.60			36.3	Tr.	74	12	
20830	8	51.68	5	21	25	27.24	18	37	31.0	Tr.	271	38	
20831	9	46.70	5	21	25	29.62	28	0	4.4	Mer.	60	46	
	8	47.70	1			29.87			3.9	Tr.	132	44	
20832	10	48.63	2	21	25	31.08	18	31	....	Tr.	185	122	
	10	48.69	2			31.31			44.3	Tr.	193	41	
	10	48.72	3			31.67			49.2	Mer.	149	60	
20833	9	46.69	2	21	25	45.10	33	17	....	Tr.	66	23	
20834	9	48.72	1	21	25	47.41	17	55	16.8 [11]	Mer.	149	61	[11] Decl. changed one rev. north.
	8	51.68	3			47.58			13.9	Mer.	243	31	
	8	51.68	5			47.70			14.1	Mu.	278	24	
20835	9	47.71	2	21	25	47.63	30	42	29.4	Tr.	134	67	
	11	46.73	1			47.65			27.9	Tr	77	15	
20836	7.8	47.71	3	21	25	50.27	29	33	0.0	Mu.	132	103	
	8	47.71	5			50.28			1.6	Mer.	204	68	
	6	46.63	2			50.36			....	Tr.	59	72	
	8	46.73	2			50.42			....	Tr.	79	1	
	7	46.73	2			50.55			....	Tr.	76	1	
	8	46.70	5			50.61			1.6	Mer.	58	30	
20837	10	46.73	2	21	25	50.99	29	29	....	Tr.	79	2	
	9	47.71	1			51.26			32.8	Mu.	132	104	
	9	47.71	4			51.64			35.6	Mer.	204	69	
	9	46.73	2			51.74			....	Tr.	76	2	
20838	9	46.61	2	21	25	51.00	25	36	....	Tr.	54	21	
	9.10	46.72	3			51.17			50.9	Mer.	66	61	
	8.9	46.73	4			51.30			49.5	Mer.	68	84	
	8	47.59	3			51.37			51.9	Mer.	196	76	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20839	9	46.72	1	21	25	59.04[1]	37	19	17.4	Mu.	60	38	[1] "Time of transit doubtful."
20840	6	47.71	2	21	26	0.20[2]	30	21	34.7	Mer.	203	36	[2] One of three threads rejected; R. A.=1^{s}.07.
	6	46.73	5			1.48			33.5	Mu.	61	46	
	6	47.61	1			1.52			32.8	Mer.	198	37	
	6.7	47.70	2			1.73			33.9[3]	Mu.	131	85	[3] Decl. changed two rev. south.
20841	9	48.60	2	21	26	5.20	19	51	34.8	Mer.	137	108	
	..	48.66	1			5.30			32.8	Mu.	197	13	
20842	6	46.70	4	21	26	8.25	34	59	21.5	Mu.	53	30	
20843	8	51.68	5	21	26	9.05	17	24	29.7	Mer.	243	32	
20844	9	46.54	2	21	26	10.54[4]	42	41	51.1	Mer.	45	14	[4] One of three threads rejected; R. A.=11^{s}.48.
20845	8	47.68	1	21	26	11.44	26	23	36.1	Mer.	201	28	
20846	9.10	46.77	2	21	26	12.04	26	46	29.1[5]	Mer.	71	16	[5] Decl. changed one wire interval north.
	10	47.71	4			12.23[6]			26.7[7]	Mer.	107	45	[6] R. A. decreased 1 min.
	9	46.71	2			12.47			....	Tr.	70	81	[7] Decl. changed one wire interval and five rev. north.
20847	12	48.63	1	21	26	12.16	18	28	....	Tr.	185	123	
20848	7.8	47.65	1	21	26	18.90	28	16	32.8	Mu.	128	127	
	11	46.73	1			19.08			34.9	Tr.	81	10	
	9	46.70	4			19.19			35.5	Mer.	60	47	
20849	10	48.79	2	21	26	20.17[8]	15	17	....	Tr.	205	18	[8] One thread decreased 5 sec.
20850	10	48.79	3	21	26	21.94	17	11	....	Mer.	153	28	
20851	9	51.68	4	21	26	22.19[9]	17	24	12.2	Mer.	243	33	[9] One of five threads rejected; R. A.=21^{s}.82.
20852	9.10	48.66	2	21	26	24.78	21	6	28.2	Mer.	144	51	
20853	7	48.67	2	21	26	24.94	20	44	62.3	Tr.	190	53	
	6	48.60	2			25.09			70.1	Mu.	188	78	
	8	48.67	2			25.27			57.1	Mer.	146	85	
20854	9	48.66	1	21	26	26.65	20	54	47.3	Mer.	144	52	
	8.9	48.67	2			27. . .[10]			37.7	Mer.	146	86	[10] Separate threads give 27^{s}.16, 27^{s}.98. Gou gives 28^{s}.2.
	7	48.67	1			27.54			49.7	Tr.	190	54	
	9	48.56	1			28.63			51.5	Mu.	185	29	
	7	48.60	1			28.67			51.7	Mu.	188	77	
20855	7	51.68	5	21	26	29.69	17	23	42.2	Mer.	243	34	
20856	9	47.68	3	21	26	37.41	25	58	63.1[11]	Tr.	129	32	[11] Decl. changed one wire interval south.
	8	46.71	3			37.48			59.4	Mu.	56	60	
	8	47.59	2			37.49			60.2[12]	Mer.	196	77	[12] Decl. changed one wire interval south.
	7.8	47.54	2			37.58			62.9	Mu.	123	94	
	9	46.72	3			37.58			59.9	Mer.	66	62	
	9	48.63	3			37.62			59.9	Mu.	192	14	
	7	47.72	1			37.85			61.0	Mer.	205	36	
	8	48.79	3			37.90			61.6	Mu.	209	34	
20857	7.8	48.67	5	21	26	40.51	24	7	6.6	Mu.	203	44	
	5	46.76	2			40.62			....[13]	Tr.	83	3	[13] Decl. changed two rev. north.
	8	48.55	3			40.74			7.5	Mu.	184	32	
	6.7	47.82	3			40.79			8.1	Mu.	144	2	
	7	48.63	4			40.93			6.7	Mer.	140	34	
	7	47.82	3			40.93[14]			13.6	Mer.	113	2	[14] One of four threads rejected; R. A.=42^{s}.04.
20858	11	48.55	2	21	26	42.18	22	43	....	Tr.	179	41	
	10	48.59	1			42.52			28.3	Mer.	136	38	
20859	10	46.69	2	21	26	47.49	33	7	....	Tr.	66	24	
20860	9	48.55	2	21	26	49.05	23	46	60.9	Mu.	184	33	
	8	46.62	3			49.06			60.2	Mu.	46	25	
	7.8	47.82	2			49.21			59.7	Mu.	144	3	
	8	48.63	2			49.27			60.9	Tr.	186	74	
20861	10	48.79	1	21	26	54.20	16	55	....	Mer.	153	29	
	10	48.74	1			55.79			....	Tr.	196	52	
	9	48.78	2			55.91			43.6	Mu.	208	43	
20862	9	48.66	2	21	26	55.06	19	54	34.0	Mu.	197	14	
	9	48.60	3			55.29			30.9	Mer.	137	109	
20863	9	46.62	5	21	26	58.31	40	59	45.4	Mer.	53	16	
20864	10	48.55	2	21	27	2.05	31	14	6.0	Mer.	134	172	
20865	10	48.59	3	21	27	9.10	19	26	....	Tr.	181	26	
	8	48.67	4			9.23			10.4	Mu.	201	77	
	9	48.63	3			9.26			12.0	Mer.	141	99	
20866	10	46.72	1	21	27	10.20	36	40	54.6	Tr.	74	13	
20867	8.9	46.70	3	21	27	12.84	35	50	44.5	Tr.	68	12	
20868	6	46.80	2	21	27	14.17	40	30	5.7	Mer.	78	2	
20869	9	47.68	2	21	27	19.76	26	19	60.6	Mer.	105	38	
	9	47.72	2			19.81[15]			59.7	Mer.	205	37	[15] Separate threads give 20^{s}.18, 19^{s}.43.
	8	47.68	1			20.06			59.3	Mer.	201	29	
20870	11	48.60	1	21	27	22.36[16]	21	44	....	Tr.	182	82	[16] R. A. decreased 1 min.
20871	10	48.55	2	21	27	22.36	31	20	32.6	Mer.	134	173	
	11	47.70	2			22.65			27.4	Tr.	130	40	
20872	8	47.61	1	21	27	23.82	31	5	45.3	Mer.	198	38	
20873	5	46.71	2	21	27	28.26	26	50	....	Tr.	70	82	
	5	47.71	4			28.51			8.0	Tr.	133	32	
	5	46.77	7			28.54			10.9	Mer.	71	17	
20874	9	51.78	5	21	27	37.00	16	21	43.2	Mu.	281	15	
	7	51.76	5			37.10			42.4[17]	Mer.	244	5	[17] Decl. changed one rev. north.
20875	9	46.72	1	21	27	37.67	33	45	45.8	Mu.	59	16	
20876	8	47.82	1	21	27	39.41	23	29	19.9	Mu.	144	4	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20877	10	48.66	1	21	27	41.18	21	5	32.1	Mer.	144	53	
20878	11	48.67	2	21	27	46.35	20	33	51.4	Tr.	190	55	
	10	48.67	1			46.66			57.7	Mer.	146	87	
20879	6.7	46.72	3	21	27	47.54	33	42	56.5	Mu.	59	15	
20880	8	46.70	5	21	27	47.88	36	33	5.5	Mu.	55	12	
	6.5	46.72	1			47.89			6.9	Tr.	74	14	
20881	10	48.63	1	21	27	50.84	26	29	53.9[1]	Mu.	192	15	[1] Decl. changed five rev. north.
	9	47.72	1			50.91			58.8	Mer.	205	38	
	9	46.61	4			51.40			53.2	Mer.	50	10	
	8	47.68	1			51.78			53.4	Mer.	201	30	
20882	9	47.70	2	21	27	52.73	31	23	29.6	Tr.	130	41	
	9	48.55	2			52.84			28.8	Mer.	134	174	
	8	46.61	3			53.02			30.3	Mu.	44	86	
20883	9	48.72	3	21	28	0.63	19	3	34.4	Mu.	205	61	
	8	48.63	2			0.69			35.1	Mer.	141	100	
	6	51.68	5			0.70			34.6	Tr.	271	39	
	9	48.69	4			0.71			38.1	Tr.	193	42	
	10	48.59	2			1.19			....	Tr.	181	27	
20884	10	48.63	3	21	28	7.61	18	49	....	Tr.	185	124	
20885	..	51.68	5	21	28	8.27	17	22	42.4	Mer.	243	35	
20886	10	48.56	2	21	28	11.78[2]	22	29	43.9	Mer.	135	41	[2] Minute assumed; record doubtful.
	10	48.59	2			11.93			45.6	Mer.	136	39	
20887	7	46.73	2	21	28	12.53	29	16	....	Tr.	79	3	
	8	46.70	5			12.68			40.1	Mer.	58	31	
	7	47.71	2			12.72			38.6	Mu.	132	106	
	6	46.73	2			12.79			....	Tr.	76	3	
	8	46.56	7			12.80			38.7	Mer.	46	18	
	7	47.71	3			12.85[3]			35.1	Mer.	204	70	[3] Two of five threads rejected; R. A. = $12^{s}.15$, $11^{s}.86$.
20888	10	46.73	1	21	28	12.92	29	21	....	Tr.	79	4	
	10	46.73	2			13.15			....	Tr.	76	4	
	8.9	47.71	2			13.22			11.6	Mu.	132	105	
	9	47.71	1			13.39			10.1	Mer.	204	71	
	9	46.63	2			13.45			....	Tr.	59	73	
20889	9	48.55	3	21	28	14.57	22	10	....	Tr.	179	42	
	9	48.69	4			14.66			9.2	Mu.	204	11	
	9	48.55	2			14.73			12.9	Tr.	176	20	
	8	48.59	3			14.75			8.2	Mu.	187	32	
20890	9	48.55	2	21	28	14.97	31	13	34.8	Mer.	134	175	
20891	10	48.72	2	21	28	19.26[4]	17	46	3.8	Mer.	149	62	[4] R. A. increased 10 sec.
20892	8	48.63	1	21	28	19.76	19	19	35.5	Mer.	141	101	
20893	8.9	46.61	1	21	28	32.07	31	25	49.4	Mu.	44	87	
20894	9	46.72	5	21	28	35.04	44	6	8.6	Mer.	67	19	
	6.7	46.80	2			35.17			11.5	Mer.	77	17	
20895	7	48.67	3	21	28	35.58[5]	19	24	38.8	Mu.	201	78	[5] R. A. decreased one thread interval.
	7	48.63	2			35.65			38.9	Mer.	141	102	
20896	9	46.70	6	21	28	37.44	28	17	46.0	Mer.	60	48	
	10	46.73	3			37.46			44.6	Tr.	81	11	
	9	47.70	3			37.57			45.5	Mer.	202	39	
	9	47.70	1			37.64			46.6	Tr.	132	45	
	9.10	46.77	2			37.66			43.9	Mer.	72	10	
	7.8	47.65	1			37.81			42.7	Mu.	128	128	
20897	9.10	46.73	3	21	28	38.95	25	18	52.4	Mer.	68	85	
20898	5	48.66	2	21	28	40.52	20	8	4.8	Mu.	197	15	
	7	48.60	2			41.13[6]			6.6	Mer.	137	110	[6] One of three threads rejected; R. A. = $40^{s}.22$.
20899	9	51.78	5	21	28	41.97	16	3	61.2	Mu.	281	16	
	..	51.76	5			41.98			58.7	Mer.	244	6	
20900	10	46.71	2	21	28	45.63	27	10	....	Tr.	70	83	
20901	8.9	46.72	4	21	28	52.00[7]	37	49	59.0	Mu.	60	39	[7] One of five threads rejected, R. A. = $51^{s}.16$.
20902	8	46.70	1	21	28	54.24	35	20	57.0	Mu.	53	31	
	8	46.70	2			54.64			57.8	Tr.	68	13	
20903	9	48.67	1	21	28	55.41	22	49	34.1	Mer.	148	122	
	10	48.59	2			56.06			33.1	Mer.	136	40	
	11	48.63	1			56.46[8]			37.0	Mu.	193	61	[8] R. A. increased one thread interval.
20904	8	46.73	3	21	28	57.96	25	7	21.8	Mer.	70	22	
	7.8	46.73	7			57.97			14.8	Mer.	69	83	
	6.7	47.72	4			57.97			16.1	Mu.	134	59	
	7.8	46.73	3			58.10			17.7	Mer.	68	86	
	8	47.76	5			58.15			10.9[9]	Mer.	109	13	[9] If micrometer reading be assumed as 42.667 instead of 42.967 rev., as recorded, Decl. = 21″.2.
	8	46.61	3			58.33			16.1	Mu.	43	3	
20905	9	48.63	2	21	28	58.41	24	15	7.8	Mer.	140	35	
20906	8	48.72	3	21	28	58.43[10]	19	6	22.9	Mu.	205	62	[10] One of four threads rejected, R. A. = $59^{s}.46$.
	8	48.67	1			58.49			24.7	Mu.	201	79	
	8	48.69	3			58.74			24.6	Tr.	193	43	
20907	8	46.61	3	21	29	0.92	25	41	....	Tr.	54	22	
	9	48.79	2			1.02			[17.7][11]	Mu.	209	35	[11] Micrometer record uncertain.
	10	46.72	2			1.02			5.8	Mer.	66	63	
	11	47.68	2			1.47			2.8	Tr.	129	33	
	8	47.59	4			1.56			3.3	Mer.	196	78	
20908	8	48.63	3	21	29	7.43	24	21	53.1[12]	Mer.	140	36	[12] Decl. changed two wire intervals north.
	9	48.67	5			7.60			54.4	Mu.	203	45	
	8	46.76	2			7.69			....	Tr.	83	4	
	8	46.62	3			7.70			....	Tr.	57	101	
	9	47.82	4			7.87			60.4[13]	Mer.	113	3	[13] Decl. changed one rev. south.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20909	9	48.56	3	21	29	9.75	21	6	2.9	Mu.	185	30	
	9.10	48.66	2			9.79[1]			2.0	Mer.	144	54	[1] Separate threads give 9^{s}.40, 10^{s}.18.
20910	10	48.79	2	21	29	12.19	16	58	....	Mer.	153	30	
	9	48.78	3			12.54			25.9	Mu.	208	44	
	10	48.74	2			13.57[2]			....	Tr.	196	53	[2] One of three threads rejected; R. A. = 12^{s}.57.
20911	8	46.69	2	21	29	12.66	32	24	17.1	Mu.	52	14	
20912	9	48.66	2	21	29	13.82	19	54	13.9	Mu.	197	16	
	9	48.60	2			14.11			2.9[3]	Mer.	137	111	[3] Decl. changed two wire intervals north. Gou gives 4″.
20913	11	48.67	1	21	29	17.57	20	17	15.8	Tr.	190	56	
	10	48.67	2			18.10			19.0	Mer.	146	88	
20914	8	46.62	2	21	29	25.18	23	44	13.8	Mu.	46	26	
	8	47.82	1			25.24			13.5	Mu.	144	5	
	9	48.55	3			25.32			13.4	Mu.	184	34	
	8	48.63	3			25.35			13.3	Tr.	186	75	
20915	9	48.67	1	21	29	29.21	23	14	53.5	Mer.	148	123	
20916	9.10	48.79	3	21	29	31.45	16	55	....	Mer.	153	31	
	9	48.74	1			31.74			....	Tr.	196	54	
	8.9	48.78	4			31.78			23.6	Mu.	208	45	
20917	8	46.61	5	21	29	31.52	26	6	58.9	Mer.	50	11	
	7	46.71	4			31.78			56.2	Mu.	56	61	
	8	46.72	3			31.88			58.8	Mer.	66	64	
	7	47.72	3			32.01			57.9	Mer.	205	39	
	8	48.63	2			32.02			58.9	Mu.	192	16	
	7	47.68	2			32.12			59.4	Mer.	201	31	
20918	8	47.71	3	21	29	33.98	30	18	45.9	Tr.	134	68	
	8	47.61	4			33.99[4]			44.7[5]	Mer.	198	39	[4] One of five threads rejected; R. A. = 34^{s}.98.
	7.8	46.73	5			34.01			45.6	Mu.	61	47	[5] Decl. changed ten rev. south.
	8	47.71	5			34.19			44.5[6]	Mer.	203	37	[6] Decl. changed one rev. north.
	7	47.70	3			34.24			47.6	Mu.	131	86	
20919	5	51.68	5	21	29	37.21	17	52	47.5	Mer.	243	36	
	6	51.68	5			37.40			48.3	Mu.	278	25	
	9	48.72	3			38.36			51.1	Mer.	149	63	
20920	8	51.68	5	21	29	38.67	19	0	21.7	Tr.	271	40	
	11	48.63	2			38.70			....	Tr.	185	125	
20921	7	46.80	4	21	29	42.87	40	12	3.6	Mu.	74	5	
	7.8	46.80	5			43.05			4.1	Mu.	72	1	
	4.5	46.80	5			43.13			3.7	Mer.	78	3	
20922	7	47.70	1	21	29	46.00	28	33	58.0	Tr.	132	46	
	7	47.70	3			46.05			55.2	Mer.	202	40	
	8	46.56	7			46.14			54.8	Mer.	46	19	
	8	47.65	2			46.28			52.7[7]	Mer.	199	105	[7] Decl. changed one rev. south.
	7	46.73	3			46.39			55.9	Mu.	63	10	
	7.8	46.73	4			46.40			58.0	Tr.	81	12	
	6.7	46.77	6			46.47			56.0	Mer.	72	11	
20923	8	46.69	1	21	29	58.24	32	34	53.4	Mu.	52	15	
20924	5	51.82	4	21	30	0.01	15	34	58.1	Mu.	282	40	
	10	48.79	3			0.34			....	Tr.	205	19	
20925	5	46.72	2	21	30	3.68	34	21	....	Tr.	73	38	
20926	10	47.71	3	21	30	5.88	26	53	16.7	Mer.	107	46	
	9	46.71	2			6.69			....	Tr.	70	84	
20927	8	46.72	4	21	30	7.08	37	48	41.0	Mu.	60	40	
20928	11	46.71	1	21	30	10.56	38	18	5.8	Tr.	71	30	
20929	7.8	46.54	7	21	30	11.53	43	7	9.5	Mer.	45	15	
	6	46.80	7			11.67			10.6	Mer.	76	4	
20930	9	46.72	2	21	30	11.99	34	24	....	Tr.	73	39	
20931	9	46.70	2	21	30	14.18	35	40	38.5	Tr.	68	14	
20932	7	51.68	5	21	30	15.66	17	32	6.5	Mer.	243	37	
20933	9	51.78	5	21	30	18.43	16	16	10.6	Mu.	281	17	
	7	51.76	5			18.65			10.7	Mer.	244	7	
20934	7	46.72	5	21	30	19.14	43	48	20.1	Mer.	67	20	
20935	9	48.67	2	21	30	19.27	19	21	13.5	Mu.	201	80	
	10	48.59	2			19.45			....	Tr.	181	28	
	8	48.63	3			19.48			12.4	Mer.	141	103	
20936	7.8	46.80	2	21	30	20.96	39	52	45.4	Mu.	74	6	
20937	7.8	46.73	4	21	30	21.73	25	7	16.7	Mer.	68	87	
	8	46.73	6			21.79			18.0	Mer.	70	23	
	7.8	46.73	7			21.79			15.8	Mer.	69	84	
	9	47.76	4			21.86			17.3	Mer.	109	14	
	8	46.61	4			21.91			17.5	Mu.	43	4	
	7	47.72	4			21.96			15.9	Mu.	134	60	
20938	..	47.70	2	21	30	22.24	27	58	35.6	Mer.	202	41	
	5.6	46.74	3			22.28			36.2	Mu.	65	14	
	6	47.65	4			22.42			32.0	Mu.	128	129	
	4	47.70	1			22.58			35.5	Tr.	132	47	
	7	46.73	2			22.59			33.7	Tr.	81	13	
	7	46.70	5			22.60			33.1	Mer.	60	49	
	6.7	46.75	3			22.67			31.8	Mu.	66	1	
20939	9	48.67	2	21	30	25.14	20	17	51.9	Tr.	190	57	
	9	48.67	2			25.23			49.3	Mer.	146	89	
	8	48.66	2			25.49			50.7	Mu.	197	17	
	8	48.60	3			26.14			47.1	Mu.	188	79	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20940	9	46.72	1	21	30	26.32	37	19	52.8	Mu.	60	41	
20941	10	46.61	1	21	30	27.40	25	46	....	Tr.	54	23	
20942	9	46.61	3	21	30	28.29	26	23	37.0	Mer.	50	12	
	9	47.72	3			28.29			37.6	Mer.	205	40	
	9	47.68	4			28.33			41.8	Mer.	105	39	
	8	47.68	2			28.45			39.4	Mer.	201	32	
20943	8	47.61	2	21	30	28. . .[1]	30	58	42.9	Mer.	198	40	[1] Separate threads give 28^s.21, 29^s.20.
	7	46.56	3			28.68			39.1	Mu.	38	1	
	8	47.70	3			28.75			43.5	Tr.	130	42	
	7.8	47.71	3			28.87			43.5	Tr.	134	69	
	6.7	46.73	3			28.92			39.0	Tr.	77	16	
	7.8	46.61	3			28.92			39.6	Mu.	44	88	
	7	48.55	4			29.02			39.5	Mer.	134	176	
20944	10	48.59	2	21	30	39.08	22	23	13.4	Mer.	136	41	
	8	48.59	2			39.25			14.1	Mu.	187	33	
	9	48.56	3			39.37			13.8	Mer.	135	42	
	9	48.55	3			39.50			....	Tr.	179	43	
20945	8.9	46.73	3	21	30	40.13	30	8	29.7	Mu.	61	48	
	8	47.71	4			40.46			30.1	Mer.	203	38	
20946	..	47.70	2	21	30	42. . .[2]	28	0	35.0	Mer.	202	42	[2] Separate threads give 42^s.64, 41^s.34. GZ gives 42^s.9. AW gives 42^s.4.
	9	46.70	4			42.77			26.4	Mer.	60	50	
20947	8	46.69	2	21	30	42.34	33	25	....	Tr.	66	25	
20948	9	51.78	5	21	30	45.95	16	7	13.3	Mu.	281	18	
20949	9	46.70	3	21	30	48.26	36	30	58.2	Mu.	55	13	
20950	9	48.63	1	21	31	4.09	19	6	22.3	Mer.	141	104	
20951	6	46.79	6	21	31	4.27	41	51	30.4	Mer.	75	4	
20952	9	48.60	3	21	31	8.06	19	53	26.2	Mer.	137	112	
20953	..	48.63	1	21	31	8.28	19	5	27.0	Mer.	141	105	
20954	10	48.69	2	21	31	11.59	18	47	5.0	Tr.	193	44	
20955	8.9	46.72	4	21	31	17.25	25	53	43.2	Mer.	66	65	
	8	46.71	3			17.29			43.8	Mu.	56	62	
	8	46.61	3			17.47			....	Tr.	54	24	
	9	48.63	3			17.47[3]			47.0	Mu.	192	17	[3] R. A. increased one thread interval.
	7.8	47.54	3			17.53			48.0	Mu.	123	95	
	8	47.59	4			17.56			45.7	Mer.	196	79	
	10	47.68	2			17.57			44.8	Tr.	129	34	
	8	48.79	2			17.67			47.7	Mu.	209	36	
20956	9	46.62	2	21	31	24.39	23	52	26.8	Mu.	46	27	
	8	48.63	3			24.45			30.6	Tr.	186	76	
	7	47.82	1			24.55			30.4	Mu.	144	6	
	9	48.55	3			24.72			28.5	Mu.	184	35	
20957	7	46.70	4	21	31	24.89	35	12	21.5	Mu.	53	32	
20958	8	48.67	1	21	31	25.42	22	49	52.7	Mer.	148	124	
	8	47.84	1			25.68			56.2	Mu.	146	1	
	11	48.63	1			25.70[4]			55.5	Mu.	193	62	[4] R. A. decreased one thread interval.
	10	48.56	2			25.78			49.2	Mer.	135	43	
	10	48.55	2			25.81			....	Tr.	179	44	
20959	9	48.60	1	21	31	32.88	20	53	54.8	Mu.	188	80	
	9.10	48.66	4			33.50			52.7	Mer.	144	55	
20960	10	48.74	1	21	31	33.10	16	40	....	Tr.	196	55	
20961	8	47.72	1	21	31	34.44	25	22	17.1	Mu.	134	61	
	9	48.79	2			34.63			10.6	Mu.	209	37	
	8.9	46.73	4			34.84			9.5	Mer.	68	88	
	9	47.76	2			34.96			19.1[5]	Mer.	109	15	[5] If micrometer reading be assumed as 42.405 instead of 42.105 rev., as recorded, Decl. = 8″.7.
	9	47.59	1			34.96			12.3	Mer.	196	80	
20962	9	47.65	3	21	31	39.48	28	45	2.0	Mer.	199	106	
20963	9	47.71	2	21	31	44.19	29	54	22.2	Mer.	203	39	
20964	3	51.68	5	21	31	46.33	17	20	12.7	Mer.	243	38	
	4	48.79	3			46.61			....	Mer.	153	32	
	5	48.78	2			46.87[6]			16.4	Mu.	208	46	[6] Separate threads give 47^s.22, 46^s.52.
20965	8	48.63	1	21	31	49.59	19	6	20.7	Mer.	141	106	
	10	48.69	1			49.91			18.6	Tr.	193	45	
	10	48.63	2			50.34			....	Tr.	185	126	
	9	48.59	2			50.54			....	Tr.	181	29	
20966	8	51.68	5	21	31	50.36	18	36	31.4	Tr.	271	41	
20967	10	47.71	1	21	31	51.74	29	14	54.7	Mer.	204	72	
	9	46.63	2			51.85			....	Tr.	59	74	
	9	47.71	2			52.09			55.9	Mu.	132	107	
	11	46.73	2			52.11			....[7]	Tr.	79	5	[7] Decl. changed one wire interval north.
20968	neb.	47.82	1	21	31	52.19[8]	23	51	13.1	Mu.	144	7	[8] CPD gives 49^s.7.
20969	9	46.70	2	21	31	52.37[9]	35	11	46.5	Mu.	53	33	[9] One of three threads rejected; R. A. = 53^s.17.
20970	9	48.55	3	21	31	57.60	31	20	57.7	Mer.	134	177	
20971	9	46.73	2	21	31	59. . .[10]	30	26	6.0	Mu.	61	49	[10] Separate threads give 58^s.58, 59^s.56.
	9	47.71	1			59.77[11]			9.0	Mer.	203	40	[11] R. A. decreased one thread interval.
	9	47.71	2			59.77			5.3	Tr.	134	70	
	9.10	46.73	4			59.79			2.3	Tr.	77	17	
20972	8	46.69	3	21	32	4.20	32	36	1.8	Mu.	52	16	
20973	9	46.73	5	21	32	7.18	24	34	59.9	Mer.	69	85	
	8	46.76	2			7.38			....	Tr.	83	5	
	7	46.62	2			7.47			....	Tr.	57	102	
	9.10	48.67	3			7.60			60.5	Mu.	203	46	
	8	48.63	3			7.78			60.6	Mer.	140	37	
	9	47.82	4			7.90			63.4	Mer.	113	4	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
20974	..	48.63	..	21	32	12...	19	34	22.6	Mer.	141	107	
	8	48.67	3			12.74			18.6	Mu.	201	81	
20975	7	46.70	4	21	32	13.01	36	15	45.1	Mu.	55	14	
20976	10	48.72	2	21	32	14.74	18	16	25.2	Mer.	149	64	
20977	9	48.63	1	21	32	20.42	24	29	7.8	Mer.	140	38	
	11	46.62	2			20.48			....	Tr.	57	103	
	9	46.76	2			20.82			....	Tr.	83	6	
20978	9	48.67	2	21	32	21...[1]	23	27	30.6	Mer.	148	125	[1] Separate threads give $21^{s}.96$, $21^{s}.08$.
	9.10	48.63	1			21.75			....	Tr.	186	77	
20979	9	48.63	1	21	32	22.07	26	31	20.3	Mu.	192	18	
	8	47.71	3			22.11			25.7	Tr.	133	33	
	8	47.72	2			22.20			21.7	Mer.	205	41	
	8	46.71	2			22.20			19.6	Mu.	56	63	
	8.9	46.61	5			22.26			22.0	Mer.	50	13	
	8	46.77	2			22.34[2]			19.2	Mer.	71	18	[2] One of three threads rejected; R. A. $=21^{s}.39$.
	8	47.68	4			22.45			21.0	Mer.	201	33	
20980	9	47.72	1	21	32	34.39	26	18	26.5	Mer.	205	42	
	..	47.68	4			34.67			25.0	Mer.	105	40	
20981	9.10	46.73	4	21	32	34.76	25	6	22.9	Mer.	70	24	
	9	46.73	4			34.79			25.9	Mer.	69	86	
20982	8.9	46.79	2	21	32	41.62	39	42	3.0	Mu.	72	2[3]	[3] "Barely visible." Unidentified. Looked for with equatorial but not found.
20983	6	46.69	2	21	32	42.00	33	12	....	Tr.	66	26	
20984	10	46.71	1	21	32	52.07	38	22	20.3	Tr.	71	31	
20985	9	46.72	5	21	32	55.24	37	43	38.6	Mu.	60	42	
20986	8	48.59	2	21	33	0.79	22	36	34.1[4]	Mu.	187	34	[4] If micrometer reading be assumed as 26.508 instead of 26.308 rev., as recorded, Decl. = 21″.5.
	8	48.55	2			0.81			21.8	Tr.	176	21	
	10	48.59	2			0.98			22.0	Mer.	136	42	
	8	48.55	2			1.03			....	Tr.	179	45	
	10	48.56	3			1.14			19.7	Mer.	135	44	
20987	10	48.59	2	21	33	4.29	22	20	29.6	Mer.	136	43	
	10	48.60	2			4.42			....	Tr.	182	83	
	9	48.55	2			4.60			30.3	Tr.	176	22	
20988	8	46.56	2	21	33	7.20	31	56	24.2	Tr.	48	4	
20989	7	48.79	2	21	33	9.80[5]	25	46	49.2[6]	Mu.	209	38	[5] One thread increased 10 sec. [6] Decl. changed five rev. north.
	8	47.59	2			9.82[7]			48.8	Mer.	196	81	[7] One of three threads rejected: R. A. $=8^{s}.68$.
	8	46.72	7			9.83			48.9	Mer.	66	66	[8] One thread increased 10 sec.
	7	47.54	4			9.89[8]			52.5	Mu.	123	96	
	7	47.68	3			9.91			51.8	Tr.	129	35	
	6	46.61	3			9.99			....	Tr.	54	25	
	7	46.73	5			10.06			49.5	Mer.	68	89	
20990	8	52.74	5	21	33	10.68	21	14	5.6	Mer.	251	1	
	10	48.66	1			10.78			3.3	Mer.	144	56	
20991	9	47.71	1	21	33	13.53	30	21	3.4	Mer.	203	41	
	9	46.73	1			13.78			4.1	Mu.	61	50	
	9.10	47.71	1			13.87			6.1	Tr.	134	71	
	9.10	46.73	1			14.00			4.5	Tr.	77	18	
20992	9	48.79	3	21	33	15.10	15	31	....	Tr.	205	20	
	7	51.82	5			15.33			13.1	Mu.	282	41	
	9	48.78	2			15.66			16.3	Tr.	204	1	
20993	8	46.71	4	21	33	16.10	38	36	45.2	Mu.	57	19	
20994	7	46.69	2	21	33	16.39	33	11	....	Tr.	66	27	
20995	6	47.65	3	21	33	21.54	28	21	55.0	Mu.	128	130	
	8	46.73	2			21.66			57.0	Mu.	63	11	
	7.8	46.70	3			21.67			59.3	Mer.	60	51	
	8	46.73	4			21.74			55.2	Tr.	81	14	
	7	47.65	3			21.76			54.6	Mer.	199	107	
	9	47.70	2			21.80			52.0	Tr.	132	48	
	7	46.77	3			21.80			56.7	Mer.	72	12	
	8	47.70	2			22.05			55.8	Mer.	202	43	
20996	8.9	48.67	3	21	33	21.82	20	29	9.1	Mer.	146	90	
	8	48.67	3			21.85			4.2	Tr.	190	58	
	8	48.60	3			21.96[9]			6.7	Mu.	188	81	[9] Minute assumed.
20997	9	48.79	1	21	33	23.47	25	19	54.9	Mu.	209	39	
	9	46.61	3			23.84			60.3	Mu.	43	5	
	9	47.76	3			23.94			58.9	Mer.	109	16	
	7.8	46.73	1			23.95			53.7	Mer.	68	90	
	8	46.73	2			23.99			59.2	Mer.	70	25	
	8	47.72	2			24.26[10]			58.0	Mu.	134	62	[10] One of three threads rejected; R. A. $=23^{s}.54$.
20998	6	46.77	2	21	33	25.66	26	32	16.9[11]	Mer.	71	19	[11] Decl. changed one rev. north.
	7	47.72	1			25.70			21.7	Mer.	205	43	
	9	48.63	2			25.73			18.6	Mu.	192	19	
	8	46.61	5			25.93			21.0	Mer.	50	14	
	5	47.71	2			26.06			23.9	Tr.	133	34	
	6	47.68	1			26.08			20.5	Mer.	201	34	
	8	46.71	2			26.19[12]			19.9	Mu.	56	64	[12] One of three threads rejected; R. A. $=25^{s}.43$.
20999	7.8	46.72	5	21	33	26.62[13]	44	10	24.1	Mer.	67	21	[13] Two of seven threads rejected; R. A. $=27^{s}.45$, $25^{s}.86$.
	3	46.80	7			26.65			27.5	Mer.	77	18	
21000	4.5	48.63	1	21	33	27.44	23	56	15.5	Tr.	186	78	
	6	47.82	2			27.70			19.7	Mu.	144	8	
	4	46.62	3			27.97			17.8	Mu.	46	28	
	7	48.55	7			27.99			18.3	Mu.	184	36	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	'	''				
21001	7.8	47.65	1	21	33	28.93	28	8	55.6	Mu.	128	131	
	8	46.77	4			29.16			61.1[1]	Mer.	72	13	[1] Decl. changed ten rev. south.
	9	46.73	2			29.31			60.2	Tr.	81	15	
	9	46.70	4			29.46[2]			62.1	Mer	60	52	[2] R. A. increased 10 sec.
	8	47.70	1			29.50			57.7	Mer.	202	44	
	8	47.70	1			29.51			60.5	Tr.	132	49	
21002	7	51.68	5	21	33	38.20[3]	17	54	12.5	Mer.	243	39	[3] Three threads increased 1 sec. each. No chronograph tape found.
	10	48.72	3			38.48			12.8	Mer.	149	65	
21003	9	46.70	3	21	33	39.20	36	15	41.8	Mu.	55	15	
21004	9	48.55	2	21	33	51.35	31	0	9.6	Mer.	134	178	
21005	9	47.71	1	21	33	54.02	31	1	18.9	Tr.	134	72	
	9	48.55	1			54.67			15.2	Mer.	134	179	
21006	10	48.79	1	21	33	54.39	15	18	....	Tr.	205	21	
	10	51.82	5			54.41			3.0	Mu.	282	42	
21007	10	48.56	1	21	33	55.26	22	26	29.5	Mer.	135	45	
21008	11	46.73	1	21	34	1.50	28	10	11.4	Tr.	81	16	
	9	46.70	4			1.67			11.3	Mer.	60	53	
	8	47.70	1			1.91			9.2	Mer.	202	45	
21009	9	46.72	2	21	34	4.65	33	56	17.5	Mu.	59	17	
21010	9	48.55	2	21	34	4.79	31	4	6.7	Mer.	134	180	
21011	8	46.61	2	21	34	10.33	25	23	....	Tr.	54	26	
	8	47.72	1			10.40			6.9	Mu.	134	63	
21012	8	46.71	1	21	34	11.06	26	40	48.2	Mu.	56	65	
	8	46.71	2			11.10			....	Tr.	70	85	
	9	47.71	4			11.22[4]			37.8	Mer.	107	47	[4] R. A. decreased 1 min.
	9	47.68	1			11.23			44.2	Mer.	201	35	
	9	46.61	3			11.30[5]			40.8	Mer.	50	15	[5] One of four threads rejected; R. A.=$12^s.17$.
	9.8	46.77	2			11.32			37.9	Mer.	71	20	
21013	4	48.59	3	21	34	16.38	19	32	....	Tr.	181	30	
	5	48.63	3			16.51			50.0[6]	Mer.	141	108	[6] Decl. changed twenty rev. south.
	4	48.67	3			16.75			47.6	Mu.	201	82	
21014	10	48.74	1	21	34	18.16	17	14	....	Tr.	196	56	
21015	11	46.73	2	21	34	18.40	29	21	....	Tr.	76	5	
	9	47.71	1			18.61			44.1	Mu.	132	108	
21016	7	51.76	5	21	34	18.69	16	26	29.3	Mer.	244	8	
	8	51.78	5			18.70			30.0	Mu.	281	19	
	..	51.76	5			18.72			....	Mer.	244	10	
	..	51.76	5			18.75			....	Mer.	244	9	
21017	7	46.69	2	21	34	22.28	33	27	....	Tr.	66	28	
21018	9	48.55	2	21	34	27.81	23	51	7.5	Mu.	184	37	
	9	46.62	2			27.82			9.3	Mu.	46	29	
	7	47.82	1			28.05			8.0	Mu.	144	9	
21019	9	46.54	3	21	34	28.84	42	51	16.5	Mer.	45	16	
21020	9	46.69	3	21	34	31.16	32	52	8.3	Mu.	52	17	
21021	10	48.69	3	21	34	33.16	18	59	9.6	Tr.	193	46	
	11	48.63	2			33.36			....	Tr.	185	127	
21022	9.10	48.66	2	21	34	33.86[7]	21	5	30.8	Mer.	144	57	[7] One of three threads rejected; R. A.=$34^s.77$.
	10	48.56	2			34.14[8]			36.5	Mu.	185	31	[8] One of three threads rejected; R. A.=$34^s.91$.
	7	52.74	5			34.39			33.5	Mer.	251	2	
21023	11	48.67	2	21	34	38. ..[9]	20	24	46.8	Tr.	190	59	[9] Separate threads give $38^s.67$, $37^s.77$. CPD gives $38^s.4$.
21024	8	46.56	2	21	34	39.66	31	55	49.8	Tr.	48	5	
21025	7.8	47.68	1	21	34	42.55	26	41	44.4	Mer.	201	36	
	8	46.71	2			42.82			....	Tr.	70	86	
	9.10	46.77	1			42.94			40.9	Mer.	71	21	
	11	47.71	2			43.05			42.4[10]	Tr.	133	35	[10] Decl. changed one rev. north.
21026	6	46.62	2	21	34	46.82	24	49	....	Tr.	57	104	
	7.8	46.73	7			46.83			22.5	Mer.	69	87	
	8	48.63	3			46.92			25.0	Mer.	140	39	
	6.7	46.73	3			46.92			20.7	Mer.	70	26	
	7.8	48.67	4			46.98			25.2	Mu.	203	47	
	8	46.61	4			47.02			24.2	Mu.	43	6	
	6	47.72	2			47.06			23.9	Mu.	134	64	
	7	47.82	3			47.09			39.1[11]	Mer.	113	5	[11] If micrometer reading be assumed as 36.002 instead of 35.502 rev., as recorded, Decl.= 21''.9.
	6	46.76	2			47.13			....	Tr.	83	7	
21027	8.9	48.67	3	21	34	49.00[12]	20	18	10.5[13]	Mer.	146	91	
	7	48.67	1			49.51			11.1	Tr.	190	60	[12] One of four threads rejected; R. A.=$49^s.71$.
	6	48.66	3			49.61			8.1	Mu.	197	18	[13] Decl. changed one wire interval south.
	9	48.60	2			49.87			6.3	Mu.	188	82	
	9	48.60	4			49.92			10.2	Mer.	137	113	
21028	8	47.67	3	21	34	50.77[14]	27	23	55.2	Tr.	127	25	[14] R. A. decreased one thread interval.
	9	46.75	1			51.47			54.4[15]	Mu.	66	2	[15] Decl. changed five rev. south.
21029	6	46.79	2	21	35	14.51	39	13	47.9	Tr.	94	9	
	7	46.71	2			15.16[16]			50.4	Mu.	57	20	[16] One of three threads rejected; R. A.=$14^s.16$.
21030	..	48.72	3	21	35	14.73	18	4	13.9	Mer.	149	66	
21031	8.9	46.54	5	21	35	18.98	42	48	47.9	Mer.	45	17	
21032	9	46.77	2	21	35	19.18	27	12	1.9	Mer.	71	22	
	9	46.71	2			19.96			1.9	Mer.	62	30	
	8	46.75	1			20.19			2.3	Mu.	66	3	
21033	9	46.54	2	21	35	25.00[17]	42	58	4.5	Mer.	45	18	[17] One of three threads rejected; R. A.=$25^s.87$.
21034	9	46.63	1	21	35	27.57	29	9	....	Tr.	59	75	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
21035	8	52.74	..	21	35	28...	21	26	44.2	Mer.	251	3	
21036	9	46.73	2	21	35	28.56	25	12	7.7	Mer.	69	88	
	10	47.76	3			28.58			6.3	Mer.	109	17	
21037	11	48.59	3	21	35	31.89	19	16	....	Tr.	181	31	
	8	48.63	1			31.94[1]			20.6	Mer.	141	109	[1] R. A. increased one thread interval.
	10	48.67	2			32.27			20.0	Mu.	201	83	
21038	9	47.65	5	21	35	33.54	29	1	10.5	Mer.	199	108	
	9	46.56	6			33.57			6.8	Mer.	46	20	
	8.9	47.71	2			33.71			6.9	Mu.	132	109	
	8	47.71	3			33.71			8.8	Mer.	204	73	
21039	9	46.70	4	21	35	33.78	28	21	46.9	Mer.	60	54	
21040	8.9	46.70	5	21	35	35.01	36	17	47.8	Mu.	55	16	
21041	9	48.60	2	21	35	37.60	20	11	33.4	Mer.	137	114	
	9	48.66	2			38.70			32.1	Mu.	197	19	
21042	9	48.67	3	21	35	38.82	20	37	4.7[2]	Mer.	146	92	[2] Decl. changed one rev. north.
21043	10	48.69	2	21	35	40.59	18	51	61.6	Tr.	193	47	
	11	48.80	1			40.93			59.8[3]	Tr.	208	1	[3] Decl. changed one wire interval north.
	10	48.63	2			40.99			....	Tr.	185	128	
21044	9	46.79	2	21	35	44.09	39	7	34.2	Tr.	94	10	
	7.8	46.71	3			44.17			32.7	Mu.	57	21	
21045	8	48.79	5	21	35	49.22	15	25	....	Tr.	205	22	
	4	51.82	5			49.28			62.4	Mu.	282	43	
	8	48.78	5			49.48			58.6	Tr.	204	2	
21046	10	46.76	2	21	35	50.15	24	12	....	Tr.	83	8	
21047	8	46.69	2	21	35	53.50	33	22	....	Tr.	66	29	
21048	7	46.73	5	21	35	57.10	25	35	30.3	Mer.	68	91	
	7	48.79	2			57.10			31.6	Mu.	209	40	
	8.9	46.72	6			57.14			31.1	Mer.	66	67	
	6	46.61	3			57.23			....	Tr.	54	27	
	8	47.68	3			57.30			28.0	Tr.	129	36	
	8	47.59	7			57.32			32.1	Mer.	196	82	
21049	4	46.72	4	21	35	59.92	33	42	25.2	Mu.	59	18	
21050	10	48.79	1	21	36	2.19	16	44	....	Mer.	153	34	
	9	48.78	1			3.82			34.5	Mu.	208	47	
21051	6	51.76	5	21	36	3.78	16	39	15.2[4]	Mer.	244	11	[4] Decl. changed three wire intervals south.
	8	48.78	4			3.96			17.2	Mu.	208	48	
	9	48.79	3			4.00			....	Mer.	153	33	
	9	48.74	5			4.16			....	Tr.	196	57	
	8	51.78	5			4.26			16.6	Mu.	281	20	
21052	9	46.70	1	21	36	5.82	28	9	50.2	Mer.	60	55	
21053	8	46.71	2	21	36	11.01	26	59	....	Tr.	70	87	
	9	47.71	4			11.25			2.6	Mer.	107	48	
	9	47.71	3			11.35			2.4	Tr.	133	36	
21054	8	46.71	3	21	36	21.28	27	10	36.1	Mer.	62	31	
	7	46.77	2			21.34			36.1	Mer.	71	23	
	7	46.75	2			21.52			36.2	Mu.	66	4	
21055	9	48.78	..	21	36	26...	17	12	42.8	Mu.	208	49	
	..	51.68	5			26.55			40.8	Mer.	243	40	
21056	9	47.67	2	21	36	29.45	27	34	13.0	Tr.	127	26	
21057	9	48.63	4	21	36	35.56	23	14	55.2	Mu.	193	63	
	7	47.84	4			35.58			57.1	Mu.	146	2	
	7	48.67	3			35.86[5]			54.6	Mer.	148	126	[5] R. A. decreased 1 min. One of four threads rejected; R. A.=$35^{s}.02$.
21058	7	47.67	1	21	36	36.16	27	37	55.4	Tr.	127	27	
21059	9	48.67	2	21	36	40.19	20	47	51.3	Mer.	146	93	
	11	48.67	1			40.37			49.1	Tr.	190	61	
	10	48.66	2			40.59			64.1[6]	Mer.	144	58	[6] AW gives 52″.
21060	7	46.73	4	21	36	45.69	28	48	46.2	Mu.	63	12	
	7.8	46.56	7			45.70			45.4	Mer.	46	21	
	9	47.65	1			45.76			41.9	Mer.	199	109	
	6	46.77	5			45.91			47.6	Mer.	72	14	
21061	9	46.72	3	21	36	47.55	37	51	59.1	Mu.	60	43	
21062	8	46.70	4	21	36	47.73	29	24	35.0	Mer.	58	32	
	6.7	47.71	3			47.76			36.1	Mu.	132	110	
	6	46.63	2			47.76			....[7]	Tr.	59	76	[7] Decl. changed two wire intervals north.
	7	47.71	4			47.77			34.1	Mer.	204	74	
	7	46.73	2			47.86			....	Tr.	79	6	
	7	46.73	2			48.10			....	Tr.	76	6	
21063	10	48.59	1	21	36	52.35	22	33	32.5	Mer.	136	44	
	11	48.55	4			52.94[8]			....	Tr.	179	46	[8] One of five threads rejected; R. A.=$51^{s}.91$.
	10	48.56	3			53.10			25.8[9]	Mer.	135	46	[9] Decl. changed one wire interval north.
21064	9	48.63	2	21	37	1.42	19	15	46.4	Mer.	141	110	
21065	8	46.75	2	21	37	3.28	27	10	27.3	Mu.	66	5	
	8.9	46.71	2			3.48			27.2	Mer.	62	32	
	8	46.77	1			3.66			26.3	Mer.	71	24	
21066	6	46.80	2	21	37	8.61	39	57	10.9	Mer.	78	4	
21067	10	47.68	2	21	37	12.62	26	34	3.7[10]	Mer.	105	41	[10] Decl. changed one rev. north.
	9	47.72	1			13.24			4.5	Mer.	205	44	
21068	10	46.79	1	21	37	17.94	39	24	37.6	Tr.	94	11	
21069	7	46.72	3	21	37	28.64	33	24	6.2	Mu.	59	19	
	6	46.69	2			28.81			....	Tr.	66	30	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
21070	9	48.72	1	21	37	31.45	18	40	4.3	Mu.	205	63	
	9	48.69	3			32.01			3.8	Tr.	193	48	
	9	48.63	1			32.22			....	Tr.	185	129	
21071	10	48.79	1	21	37	35.12	15	49	....	Tr.	205	23	
	9	51.82	5			35.83			9.1	Mu.	282	44	
21072	8	47.68	3	21	37	38.73	25	30	17.9	Tr.	129	37	
	7.8	46.73	3			38.80			16.3	Mer.	68	92	
	8	46.61	3			39.03			....	Tr.	54	28	
	8	47.76	4			39.11			24.9	Mer.	109	18	
	8	48.79	2			39.16			18.0	Mu.	209	41	
	8	47.59	4			39.16			20.7	Mer.	196	83	
21073	10	47.71	1	21	37	40.62	30	20	8.5	Tr.	134	73	
	10	46.73	2			40.90			4.1	Tr.	77	19	
	10	47.71	3			41.10[1]			4.9	Mer.	203	42	[1] One thread decreased 10 sec.
21074	9	46.70	3	21	37	44.82	36	23	45.3	Mu.	55	17	
21075	9	47.71	1	21	37	53.75	29	24	53.5	Mu.	132	111	
	9	46.73	2			53.91			....[2]	Tr.	76	7	[2] Decl. changed three rev. north.
21076	10	47.71	1	21	37	59.82	29	10	19.2	Mer.	204	75	
21077	9.10	46.70	2	21	38	1.47	35	22	28.3	Tr.	68	15	
21078	10	48.79	2	21	38	2.96	16	40	....	Mer.	153	35	
	10	48.74	1			3.05			....	Tr.	196	58	
	7	51.76	5			3.20			53.7	Mer.	244	12	
21079	8	46.69	4	21	38	4.78	32	38	3.0	Mu.	52	18	
21080	9	46.70	3	21	38	5.90	27	47	11.3	Mer.	60	56	
21081	10	47.71	2	21	38	6.11	27	16	46.9	Mer.	107	49	
	9	46.71	2			6.31			46.7	Mer.	62	33	
	8	46.71	2			6.56			....	Tr.	70	88	
21082	10	46.69	2	21	38	8.62	33	6	....	Tr.	66	31	
21083	8.9	48.72	1	21	38	8.98	18	36	27.9	Mu.	205	64	
	8	48.69	2			9.12			32.1	Tr.	193	49	
	8.9	48.63	2			9.17			....[3]	Tr.	185	130	[3] Decl. changed one rev. south.
	11	48.80	3			9.37			30.9	Tr.	208	2	
21084	10	48.63	2	21	38	16.14	23	10	17.7	Mu.	193	64	
	9	47.84	3			16.23			21.2	Mu.	146	3	
	9	48.67	4			16.34			18.6	Mer.	148	127	
21085	9	46.72	1	21	38	21.08	33	38	10.3	Mu.	59	20	
21086	8	47.72	1	21	38	21.72	26	19	20.2	Mer.	205	45	
	8	47.68	2			21.87			15.9	Mer.	201	37	
	9	46.61	3			22.03			13.5	Mer.	50	16	
	9	48.63	1			22.30			15.3	Mu.	192	20	
21087	9	48.79	2	21	38	24.28	25	45	37.3	Mu.	209	42	
	9	47.68	2			24.46			33.6[4]	Tr.	129	38	[4] Decl. changed one rev. south.
	8	47.59	1			24.51			36.4	Mer.	196	84	
	8.9	46.72	5			24.63[5]			33.5	Mer.	66	68	[5] One of six threads rejected; R. A.=$23^{s}.87$.
	7.8	46.73	4			24.64			36.6	Mer.	68	93	
	7	46.61	2			24.66			....	Tr.	54	29	
21088	7.8	46.71	4	21	38	25.19	38	38	28.9	Mu.	57	22	
21089	9	46.73	2	21	38	32.69	29	30	....	Tr.	76	8	
	10	46.73	2			32.73			....	Tr.	79	7	
	9	47.71	3			32.74			28.9	Mer.	204	76	
	9	47.71	1			32.99			26.6	Mu.	132	112	
21090	10	48.67	1	21	38	32.94	19	5	13.2	Mu.	201	84	
	11	48.59	1			33.05			....[6]	Tr.	181	32	[6] Decl. changed one wire interval north.
21091	5	46.80	2	21	38	34.47	40	12	6.8	Mer.	78	5	
	8	46.79	3			34.69[7]			8.9	Mu.	72	3	[7] Minute assumed.
	7	46.80	4			34.71			11.8	Mu.	74	7	
21092	9	46.70	2	21	38	37.39	27	48	13.8	Mer.	60	57	
21093	10	48.59	1	21	38	39.86	22	20	32.6[8]	Mu.	187	35	[8] If reduced for wire 5, 41.108 rev. instead of wire 5, 41.508 rev., as recorded, Decl.= 57″.7.
	10	48.55	1			39.85			58.1	Tr.	176	23	
	10	48.55	3			40.00[9]			....	Tr.	179	47	
	10	48.59	2			40.11			55.5	Mer.	136	45	[9] R. A. decreased one thread interval.
	10	48.56	2			40.27			57.2	Mer.	135	47	
21094	10	48.66	2	21	38	44.92	21	12	56.6[10]	Mer.	144	59	[10] If micrometer reading be assumed as 47.713 instead of 47.413 rev., as recorded, Decl.= 46″.3.
	7	52.74	5			44.96			40.9	Mer.	251	4	
21095	4	48.79	3	21	38	45.07	16	48	....	Mer.	153	36	
	4	48.74	2			45.12			....[11]	Tr.	196	59	[11] Decl. changed one wire interval north.
	..	51.76	5			45.41			....	Mer.	244	13	
	..	51.76	5			45.49			....	Mer.	244	15	
	2	51.76	5			45.50			20.2	Mer.	244	14	
	2	48.78	4			45.53[12]			19.3	Mu.	208	50	[12] One thread decreased 10 sec.
21096	10	47.67	2	21	38	49.46	27	32	42.5	Tr.	127	28	
21097	5	47.70	4	21	38	54.99	31	35	21.3	Tr.	130	43	
	5.6	46.56	4			54.99			19.5	Mu.	38	2	
	4	48.55	7			55.34			24.2	Mer.	134	181	
	5.6	46.61	7			55.34			22.9	Mu.	44	89	
21098	9	48.63	3	21	38	57.76	24	21	44.1	Mer.	140	40	
	9	46.62	2			57.81			....	Tr.	57	105	
	9	46.76	2			57.84			....	Tr.	83	9	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
21099	10	48.63	1	21	38	58.41	26	35	58.9	Mu.	192	21	
	9	47.72	1			58.55			59.0	Mer.	205	46	
	9	46.77	2			58.58			56.1	Mer.	71	25	
	10	47.71	2			58.87			51.3	Tr.	133	37	
21100	9	51.82	5	21	38	59.74	15	22	25.3	Mu.	282	45	
	11	48.78	2			59.94			27.5[1]	Tr.	204	3	[1] Decl. changed two rev. south.
	10	48.79	3			60.27			....	Tr.	205	24	
21101	6	47.65	4	21	38	59.98	28	26	28.0	Mu.	128	132	
	7	47.80	4			60.15			26.9	Mer.	208	1	
	7.8	47.65	4			60.17			26.3	Mer.	199	110	
	7	46.77	4			60.31			26.7	Mer.	72	15	
	7	46.73	4			60.33			28.6	Mu.	63	13	
	8	46.73	4			60.36			28.4	Tr.	81	17	
	7	47.70	2			60.38			28.4	Tr.	132	50	
21102	9	48.60	3	21	39	1.72[2]	19	44	34.1	Mer.	137	115	[2] R. A. increased 1 min.
	10	48.66	1			2.06			39.1	Mu.	197	20	
	9	48.63	2			2.15[3]			39.4	Mer.	141	111	[3] One thread increased 30 sec. One of three threads rejected; R. A. $=3^{s}.39$.
21103	8	46.77	3	21	39	6.07	28	4	42.2	Mer.	72	16	
	9	46.70	3			6.20			38.9	Mer.	60	58	
21104	7	52.74	3	21	39	7.82[4]	21	27	14.5[5]	Mer.	251	5	[4] Two of five threads rejected; R. A. $=5^{s}.71$, $5^{s}.98$.
21105	9	46.72	1	21	39	9.99	36	31	50.9	Tr.	74	15	
21106	6	46.69	2	21	39	10.95	33	2	....	Tr.	66	32	[5] Decl. changed one wire interval south.
21107	9	48.67	2	21	39	18.47	20	16	8.8	Mer.	146	94	
	8	48.66	1			18.65			6.0	Mu.	197	21	
	8	48.67	2			18.95			5.4	Tr.	190	62	
	9	48.60	2			19.62			6.1	Mu.	188	83	
21108	9	48.72	4	21	39	19.96	17	59	11.0	Mer.	149	67	
21109	9	47.70	1	21	39	20.17	27	53	38.0	Tr.	132	51	
	9	46.70	3			20.20			30.7	Mer.	60	59	
	9	46.75	1			20.22			36.8	Mu.	66	6	
	10	46.73	2			20.42			35.2	Tr.	81	18	
21110	10	48.67	2	21	39	20.78	19	30	61.2	Mu.	201	85	
	9	48.63	2			21.00			58.3	Mer.	141	112	
21111	9	46.76	2	21	39	22.97	24	28	....	Tr.	83	10	
	9	48.63	3			23.09			40.2	Mer.	140	41	
	9	46.62	2			23.21			....	Tr.	57	106	
21112	5	48.59	1	21	39	25.27	18	54	....	Tr.	181	33	
	10	48.80	1			25.36			24.2	Tr.	208	3	
	8	48.72	3			25.60			18.1	Mu.	205	65	
	8	48.69	2			25.78			24.1	Tr.	193	50	
21113	8	46.73	2	21	39	29.84	28	54	7.9	Mu.	63	14	
	8	47.65	2			29.87			5.8	Mer.	199	111	
	8.9	46.56	7			30.04			6.0	Mer.	46	22	
	8	47.80	1			30.07			7.6	Mer.	208	2	
21114	8	48.63	2	21	39	32.78	26	34	9.5	Mu.	192	22	
	7	47.68	2			32.85			10.0	Mer.	201	38	
	7	47.72	2			32.87			12.8	Mer.	205	47	
	9	47.68	6			32.97[6]			11.7	Mer.	105	42	[6] One of seven threads rejected; R. A. $=34^{s}.13$.
	7	46.77	2			32.99			6.7	Mer.	71	26	
	9	46.61	4			33.09			10.4	Mer.	50	17	
	7	46.71	1			33.23			10.9	Mu.	56	66	
21115	9	46.79	1	21	39	35.09	39	46	25.5	Tr.	94	12	
	8	46.80	2			35.80			17.8	Mu.	74	8	
21116	9	48.79	2	21	39	38.22[7]	16	46	....	Mer.	153	37	[7] R. A. decreased 1 min.
	9	48.78	2			38.75[8]			10.6	Mu.	208	51	[8] R. A. increased one thread interval.
21117	8	46.73	4	21	39	38.40	24	44	54.9	Mer.	70	27	
	7	47.72	2			38.52			53.7	Mu.	134	65	
	8	46.73	4			38.56			54.8	Mer.	69	89	
	9	47.76	2			38.60			56.0	Mer.	109	19	
	8	46.61	3			38.70			52.3	Mu.	43	7	
	9.10	48.67	2			38.72			52.5	Mu.	203	48	
	10	47.82	1			39.08			58.8	Mer.	113	6	
21118	9	46.71	2	21	39	41.29	27	50	11.0	Mer.	62	34	
21119	10	46.70	1	21	39	41.78	35	53	39.1	Tr.	68	16	
21120	11	46.72	2	21	39	47.01	34	32	....	Tr.	73	40	
21121	9	47.71	3	21	39	51.48	26	55	30.0	Mer.	107	50	
	7	46.71	2			51.74			....	Tr.	70	89	
	10	47.71	3			51.81			28.9	Tr.	133	38	
21122	9	46.73	2	21	39	56.78[9]	29	58	4.0	Mu.	61	51	[9] First thread increased 2 sec.; the last increased 1 sec. See note on No. 21125_2.
	10	47.71	2			57.08[10]			0.8	Mer.	203	43	
21123	10	46.69	2	21	40	0.61	33	5	....	Tr.	66	33	[10] One of three threads rejected; R. A. $=55^{s}.58$.
21124	10	48.56	2	21	40	1.63	22	22	2.1	Mer.	135	48	
	10	48.55	2			1.63			....	Tr.	179	48	
21125	8	47.70	2	21	40	7.28	30	3	32.0	Mu.	131	87	
	7	46.73	4			7.39[11]			33.3	Mu.	61	52	[11] First two threads observed between the two of Mu. 61, No. 51, increased 2 sec. each. See note on No. 21122_1.
	8	47.71	2			7.89[12]			28.9[13]	Mer.	203	44	
21126	9	46.70	4	21	40	10.30	36	19	44.7	Mu.	55	18	
21127	8	46.73	2	21	40	11.01	29	10	....	Tr.	79	8	[12] One of three threads rejected; R. A. $=2^{s}.40$.
	8	47.71	2			11.13			44.2	Mu.	132	113	[13] Decl. changed one rev. north.
	9	46.70	4			11.21			47.2	Mer.	58	33	
	9	46.56	3			11.29			44.6	Mer.	46	23	
	8	46.73	2			11.33			....	Tr.	76	9	
	9	47.71	3			11.36			44.2	Mer.	204	77	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
21128	9.10	46.77	2	21	40	13.25	26	46	14.3	Mer.	71	27	
21129	8.9	46.73	6	21	40	14.20	25	9	17.4	Mer.	68	94	
	8.9	46.73	2			14.31			19.1	Mer.	70	28	
	7.8	47.72	1			14.37			20.5	Mu.	134	66	
	9	46.73	6			14.44			21.5	Mer.	69	90	
	..	47.76	2			14.55			....	Mer.	109	20	
21130	8	48.67	2	21	40	15.33	22	49	7.3	Mer.	148	128	
	10	48.55	1			15.41			10.3	Tr.	176	24	
	9	47.84	2			15.52			10.7	Mu.	146	4	
21131	9	46.70	3	21	40	15.73	36	10	47.6	Mu.	55	19	
21132	9	48.60	3	21	40	19.28	20	6	9.8	Mer.	137	116	
21133	9	51.82	5	21	40	23.24	15	57	23.8	Mu.	282	46	
21134	10	48.63	2	21	40	23.74[1]	24	19	57.2	Mer.	140	42	[1] Separate threads give $24^{s}.10$, $23^{s}.38$.
	9	46.62	3			23.99			....	Tr.	57	107	
	8	46.76	2			24.18			....	Tr.	83	11	
21135	8	46.72	5	21	40	30.62	37	23	26.9	Mu.	60	44	
21136	8	47.84	1	21	40	37.68	23	30	54.5	Mu.	146	5	
	10	48.55	2			37.93[2]			47.6	Mu.	184	38	[2] One of three threads rejected; R. A.=$38^{s}.65$.
	8	46.62	3			38. ..[3]			45.6	Mu.	46	30	[3] Separate threads give $37^{s}.95$, $37^{s}.25$, $38^{s}.69$.
	8	48.67	2			38.05			49.1	Mer.	148	129	
	10	48.63	2			38.07			52.4	Mu.	193	65	
	8	48.63	4			38.10			46.0[4]	Tr.	186	79	[4] Decl. changed two rev. south.
	7.8	47.82	2			38.44[5]			48.5	Mu.	144	10	[5] One of three threads rejected; R. A.=$37^{s}.31$.
21137	7.8	46.80	2	21	40	39.22	43	22	51.8	Mer.	76	5	
21138	9	48.67	3	21	40	39.07	20	50	32.3[6]	Mer.	146	95	[6] Decl. changed one wire interval north.
	10	48.66	2			39.35			32.8	Mer.	144	60	
	11	48.67	2			39.81			30.5	Tr.	190	63	
21139	7	46.80	3	21	40	39.97	44	7	28.6	Mer.	77	19	
	9	46.72	4			40.10			32.6	Mer.	67	22	
21140	9	47.71	2	21	40	42.74	30	35	34.8	Tr.	134	74	
21141	8	46.72	2	21	40	47.17	34	13	....	Tr.	73	41	
21142	9	48.67	2	21	40	51.99	23	19	18.2	Mer.	148	130	
21143	7	46.79	3	21	40	52.62	39	18	10.9	Tr.	94	13	
21144	10	48.55	2	21	40	55.22	22	41	....	Tr.	179	49	
	10	48.55	1			55.41			11.1	Tr.	176	25	
21145	11	46.73	3	21	40	58.30	30	48	45.1	Tr.	77	20	
	10	47.71	1			58.54			46.9	Tr.	134	75	
21146	8	48.67	2	21	41	0.43	19	4	53.9	Mu.	201	86	
	8.9	48.72	3			0.51			53.1	Mu.	205	66	
	6	48.63	3			0.75			51.3	Mer.	141	113	
	9	48.59	2			0.84			....	Tr.	181	34	
	10	48.63	1			0.92[7]			....	Tr.	185	131	[7] R. A. decreased 1 min.
	8	48.69	3			0.94			51.8	Tr.	193	51	
21147	10	48.79	5	21	41	0.47	15	48	....	Tr.	205	25	
	8	51.82	5			0.64			53.8	Mu.	282	47	
	11	48.78	4			0.81			52.8[8]	Tr.	204	4	[8] Decl. changed one wire interval south.
21148	9	47.68	2	21	41	9. ..[9]	26	20	16.7	Mer.	105	43	[9] Separate threads give $9^{s}.70$, $8^{s}.44$.
	10	48.63	1			9.43			13.4	Mu.	192	23	
	9	47.72	2			9.50			16.1	Mer.	205	48	
	9	46.61	2			9.78[10]			14.3	Mer.	50	18	[10] One of three threads rejected; R. A.=$9^{s}.04$.
	9	47.68	2			9.86			11.8	Mer.	201	39	
21149	6.7	47.65	3	21	41	13.96[11]	28	5	54.9	Mu.	128	133	[11] One of four threads rejected; R. A.=$13^{s}.04$.
	7	46.73	3			14.11			57.1	Tr.	81	19	
	5	47.70	2			14.12			58.5	Tr.	132	52	
	7	46.77	3			14.12			58.2	Mer.	72	17	
	7	46.70	6			14.25			55.0[12]	Mer.	60	60	[12] Decl. changed one rev. north.
21150	9	48.63	1	21	41	14.24	19	20	56.4	Mer.	141	114	
21151	10	48.56	1	21	41	16.34	21	12	....	Tr.	180	63	
	7	52.74	5			16.35			11.3	Mer.	251	6	
	10	48.56	1			16.39			13.3	Mu.	185	32	
21152	8	46.71	1	21	41	18.87	25	50	42.3	Mu.	56	67	
	8	47.59	7			19.01			42.2	Mer.	196	85	
	9	46.72	3			19.10			42.2	Mer.	66	69	
	10	47.68	3			19.12			42.7[13]	Tr.	129	39	[13] Decl. changed one rev. south.
	8	46.61	3			19.15			....	Tr.	54	30	
	9	48.79	3			19.42			46.3	Mu.	209	43	
21153	10	46.69	2	21	41	18.90	33	16	....	Tr.	66	34	
21154	9	46.63	3	21	41	21.87	29	14	....	Tr.	59	77	
	8	46.73	2			22.13			....	Tr.	76	10	
	9	47.71	4			22.29			6.0	Mer.	204	78	
	8.9	47.71	1			22.41			5.9	Mu.	132	114	
21155	9	48.66	2	21	41	28.27	21	10	26.8	Mer.	144	61	
	10	48.56	1			28.54[14]			27.5	Mu.	185	33	[14] R A. decreased one thread interval.
	9	48.56	1			28.84			....	Tr.	180	62	
	..	52.74	5			28.96			27.7[15]	Mer.	251	7	[15] Decl. changed one rev. south.
21156	9	47.71	3	21	41	31.17	26	53	26.7	Mer.	107	51	
	8	46.71	2			31.18			....	Tr.	70	90	
	10	47.71	2			31.22			27.0[16]	Tr.	133	39	[16] Decl. changed one wire interval north.
	9.10	46.77	2			31.45			27.5	Mer.	71	28	
21157	11	46.76	2	21	41	33.20	24	31	....	Tr.	83	12	
	10	48.63	1			33.32[17]			15.7	Mer.	140	43	[17] R. A. decreased one thread interval.
	9	46.62	2			33.41			....	Tr.	57	108	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
21158	8	48.63	1	21	41	39.81	19	23	42.6	Mer.	141	115	
21159	9	47.71	2	21	41	46.59	30	40	41.2	Tr.	134	76	
	10	46.73	3			46.78			41.9	Tr.	77	21	
21160	8	47.71	2	21	41	53.07[1]	30	26	36.1	Mer.	203	45	[1] One of three threads rejected; R. A. = $53^{s}.79$.
21161	10	48.69	2	21	41	55.06	21	58	28.1	Mu.	204	12	
21162	8.9	46.77	1	21	41	55.33	28	1	48.4	Mer.	72	19	
	9	46.73	2			55.81			46.5	Tr.	81	20	
	7	47.65	1			55.92			46.8	Mu.	128	134	
	8	46.70	4			55.96			45.3	Mer.	60	61	
	8	47.70	2			56.00			49.2	Tr.	132	53	
21163	9	47.65	3	21	41	55.45	28	30	24.6	Mer.	199	112	
	9	47.80	1			55.59			35.3[2]	Mer.	208	3	[2] If micrometer reading be assumed as 35.535 instead of 35.335 rev., as recorded, Decl. = 28″.4.
21164	11	48.63	1	21	41	55.55	18	53	....	Tr.	185	132	
21165	9	48.55	1	21	41	58.70	31	1	10.0	Mer.	134	182	
21166	9	46.54	7	21	42	0.12	42	35	17.7	Mer.	45	19	
21167	7.8	46.56	7	21	42	5.67	28	37	49.3	Mer.	46	24	
	7.8	47.65	4			5.77			46.3	Mer.	199	113	
	8	47.80	2			5.80			48.6	Mer.	208	4	
	7	46.73	2			5.89			49.6	Mu.	63	15	
	7	46.59	3			5.93[3]			43.0[4]	Tr.	50	1	[3] R. A. decreased one thread interval.
	6.7	46.77	2			6.04			46.5	Mer.	72	18	[4] Decl. changed one rev. north.
21168	9	48.74	4	21	42	10.12	16	53	....	Tr.	196	60	
	8.9	48.78	3			10.25[5]			15.5	Mu.	208	52	[5] One thread increased one thread interval.
	9	48.79	3			10.45[6]			....	Mer.	153	38	[6] One of four threads rejected; R. A. = $9^{s}.60$.
21169	10	48.67	1	21	42	10.18	20	24	23.2	Mer.	146	97	
	11	48.67	2			10.94[7]			25.3	Tr.	190	64	[7] R. A. increased 10 sec.
21170	8	48.69	2	21	42	21.24	18	42	37.9[8]	Tr.	193	52	[8] Decl. changed three wire intervals north.
	11	48.63	1			21.27			....	Tr.	185	133	
21171	10	46.72	2	21	42	23.09	26	0	48.8	Mer.	66	70	
	9	47.72	3			23.21			48.3[9]	Mer.	205	49	[9] Decl. changed one rev. north.
	8	47.59	1			23.57			48.9	Mer.	196	86	
21172	8	47.80	1	21	42	24.48[10]	28	25	11.4	Mer.	208	5	[10] R. A. decreased one thread interval.
21173	8.9	48.66	1	21	42	27.31	21	14	18.1[11]	Mer.	144	62	[11] Decl. changed one rev. north.
	9	48.56	2			27.55			....	Tr.	180	64	
	7	52.74	4			27.55[12]			20.6	Mer.	251	8	[12] One of five threads rejected; R. A. = $28^{s}.08$.
	9	48.56	2			27.70			19.0	Mu.	185	34	
21174	9	48.60	2	21	42	33.81	20	53	13.5	Mu.	188	84	
	9	48.67	3			34.05			12.1	Mer.	146	96	
21175	8	46.69	2	21	42	38.99	33	13	....	Tr.	66	35	
21176	9	46.72	4	21	42	42.17	43	40	52.3	Mer.	67	23	
	7.8	46.80	3			42.18			37.9	Mer.	76	6[13]	[13] "Hardly visible."
21177	9	46.56	2	21	42	42.82	28	57	16.1	Mer.	46	25	
21178	9	46.72	2	21	42	45.80	36	38	58.7	Tr.	74	16	
21179	9	46.72	2	21	42	46.64	34	35	....	Tr.	73	42	
21180	7.8	48.67	4	21	42	51.69[14]	23	57	56.9	Mu.	203	49	[14] One of five threads rejected; R. A. = $53^{s}.02$.
	8.9	48.55	4			51.83			56.9	Mu.	184	39	
	7	47.82	4			52.04			57.5	Mu.	144	11	
	7	46.62	4			52.15			56.8	Mu.	46	31	
21181	8	46.70	4	21	42	52.32	28	5	49.6	Mer.	60	62	
	7.8	46.77	1			52.38			49.6	Mer.	72	20	
	8	46.73	3			52.62			51.2	Tr.	81	21	
	7	47.65	1			52.79			50.9	Mu.	128	135	
	7	47.70	1			52.80			50.5	Mer.	202	46	
	8	47.70	2			52.90			52.3	Tr.	132	54	
21182	9	46.70	2	21	42	53.06	35	43	59.1	Tr.	68	17	
21183	9	48.67	2	21	42	54.09	20	33	1.3	Tr.	190	65	
	9	48.67	1			54.22			5.0	Mer.	146	98	
21184	10	48.59	1	21	42	56.15	22	26	53.9	Mer.	136	46	
	11	48.55	3			56.85			....	Tr.	179	50	
	10	48.56	3			57.26			54.4	Mer.	135	49	
21185	6	46.79	6	21	43	2.68	42	6	42.2	Mer.	75	5	
21186	10	48.79	1	21	43	2.78	25	44	51.2	Mu.	209	44	
	10	46.61	2			3.18			....	Tr.	54	31	
21187	9	47.71	4	21	43	5.19[15]	29	18	27.3	Mer.	204	79	[15] One of five threads rejected; R. A. = $5^{s}.93$.
	8.9	47.71	1			5.48			27.8	Mu.	132	115	
21188	7	48.55	3	21	43	12.67	31	1	2.7	Mer.	134	183	
	9	46.56	5			12.81			0.8	Mu.	38	3	
	7.8	46.73	3			12.89			5.3	Tr.	77	22	
	8	47.71	3			12.96			6.6	Tr.	134	77	
	7	47.70	3			12.96			5.7	Tr.	130	44	
21189	9	46.72	3	21	43	17.56	43	32	42.3	Mer.	67	24	
	8	46.80	1			17.76			47.1	Mer.	76	7	
21190	9	47.68	1	21	43	20.38	25	57	32.0	Mer.	201	40	
21191	5	48.63	2	21	43	21.52	19	19	8.5	Mer.	141	116	
	6	48.67	2			21.58			10.6	Mu.	201	87	
	6.7	48.59	1			21.79			....	Tr.	181	35	
21192	10	46.69	2	21	43	24.62	33	18	....	Tr.	66	36	
21193	10	48.59	1	21	43	28.51	19	32	....	Tr.	181	36	
	8	48.63	1			29.14			27.9	Mer.	141	117	
21194	8	47.84	1	21	43	35.22	23	27	36.3	Mu.	146	6	
	9	48.67	3			35.55			35.6	Mer.	148	131	
	8	47.82	1			36.25			33.1	Mu.	144	12	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
21195	10	47.76	2	21	43	36.13	25	5	33.6	Mer.	109	21	
	8	47.72	2			36.51			29.3	Mu.	134	67	
21196	8	46.72	1	21	43	41.76	36	42	2.8	Tr.	74	17	
	9	46.70	3			42.27			5.7	Mu.	55	20	
21197	8.9	46.54	7	21	43	42.80	42	53	33.4	Mer.	45	20	
21198	10	47.68	2	21	43	49. . .[1]	26	4	14.3	Tr.	129	40	[1] Separate threads give $49^{s}.80$, $48^{s}.41$.
	8	47.72	3			49.48			15.8	Mer.	205	50	
	10	48.63	1			49.92			16.9	Mu.	192	24	
	9	46.72	4			49.98			14.1	Mer.	66	71	
	8	47.68	2			49.99			13.8	Mer.	201	41	
	8	46.61	2			50.00			. . . .[2]	Tr.	54	32	[2] Decl. changed three rev. south.
	8	46.71	3			50.02			15.5	Mu.	56	68	
	7.8	47.59	3			50.04			15.3	Mer.	196	87	
21199	9	46.70	6	21	43	50.87	28	0	55.9	Mer.	60	63	
	7	47.65	2			50.90			56.7	Mu.	128	136	
	7	47.70	1			51.01			57.6	Tr.	132	55	
	8	46.73	2			51.01			57.5	Tr.	81	22	
	8	46.59	2			51.12			60.4	Tr.	50	2	
	7	47.70	2			51.63			56.0	Mer.	202	47	
21200	9	47.67	3	21	43	58.84	27	48	17.2	Tr.	127	29	
	9.10	46.71	5			59.15			17.8	Mer.	62	35	
21201	9	47.71	1	21	43	58.91	29	35	38.2	Mu.	132	116	
	9	46.73	2			58.95			. . . .	Tr.	79	9	
	8	47.71	2			59.12[3]			41.1[4]	Mer.	204	80	[3] Separate threads give $59^{s}.50$, $58^{s}.74$.
	8	46.63	2			59.26			. . . .	Tr.	59	78	[4] Decl. changed five rev. south.
	9	46.73	2			59.33			. . . .	Tr.	76	11	
	10	46.70	2			59.38			37.9	Mer.	58	34	
21202	9	47.68	4	21	43	59.51	26	43	23.9	Mer.	105	44	
	10	47.71	3			59.79			17.9	Tr.	133	40	
	8	46.71	3			59.80			. . . .	Tr.	70	91	
	9	46.77	4			59.82			17.0	Mer.	71	29	
21203	9	46.72	3	21	44	3.01	33	55	2.1	Mu.	59	21	
21204	8	47.84	1	21	44	5.64	23	22	55.7	Mu.	146	7	
	9	48.67	1			5.84			52.8	Mer.	148	132	
	8	47.82	1			5.99			53.4	Mu.	144	13	
21205	9	46.70	2	21	44	10.58	35	34	1.3	Tr.	68	18	
21206	7.8	46.72	3	21	44	11.30	37	35	48.4	Mu.	60	45	
21207	9	48.67	1	21	44	13.01	20	30	52.2[5]	Mer.	146	99	[5] Decl. changed one rev. north.
	. .	48.67	2			13.32			. . . .	Tr.	190	66	
21208	9	46.73	2	21	44	14.42	29	28	. . . .[6]	Tr.	79	10	[6] Decl. changed one wire interval north.
	8	47.71	1			14.51			2.1	Mer.	204	81	
	8.9	47.71	1			14.51			3.5	Mu.	132	117	
	8	46.63	2			14.73			. . . .	Tr.	59	79	
	8	46.73	2			14.82			. . . .	Tr.	76	12	
21209	8	48.66	2	21	44	19.94	20	13	27.6	Mu.	197	22	
	9	48.60	1			20.34			25.4	Mer.	137	117	
21210	10	48.79	1	21	44	20.53[7]	16	57	. . . .	Mer.	153	39	[7] R. A. decreased 1 min.
	9.10	48.78	2			20.88			35.4	Mu.	208	53	
	9	48.74	3			20.92			. . . .	Tr.	196	61	
21211	9	48.78	2	21	44	25.86	16	30	20.5	Mu.	208	54	
	8	51.76	5			25.87			19.2	Mer.	244	16	
21212	9	48.72	3	21	44	26.37	17	46	2.8	Mer.	149	68	
21213	11	48.63	1	21	44	29.46	19	4	. . . .	Tr.	185	134	
21214	9.10	48.66	1	21	44	29.73	20	43	15.7	Mer.	144	63	
21215	8	46.72	1	21	44	36.79	36	32	7.6	Tr.	74	18	
	9	46.70	3			36.82			4.7	Mu.	55	21	
21216	8	48.66	2	21	44	42.45	19	51	6.9	Mu.	197	23	
21217	. .	47.71	6	21	44	44.25[8]	27	16	18.0	Mer.	107	52	[8] R. A. decreased 1 min.
	9	46.77	1			44.29			18.1	Mer.	71	30	
21218	2.3	46.71	3	21	44	49.83	38	4	5.2	Tr.	71	32	
21219	10	47.82	1	21	44	50.26	24	45	43.5	Mer.	113	7	
	9	46.73	7			50.55			35.1	Mer.	69	91	
	8	47.72	1			50.58			40.7	Mu.	134	68	
	9	47.76	2			50.80			42.8[9]	Mer.	109	22	[9] Decl. changed two rev. south.
	8	46.76	2			50.94			. . . .	Tr.	83	13	
21220	10	46.73	2	21	44	54.15	29	35	. . . .	Tr.	76	13	
21221	8	46.70	3	21	44	58.82	29	21	49.0	Mer.	58	35	
	6	47.71	2			58.83			53.4	Mer.	204	82	
	7	47.71	2			58.92			50.5	Mu.	132	118	
	6	46.73	2			59.11			. . . .	Tr.	79	11	
	6	46.63	2			59.18			. . . .	Tr.	59	80	
21222	7	46.80	3	21	45	4.05	40	38	48.2	Mer.	78	6	
21223	11	48.55	2	21	45	10.73[10]	22	38	. . . .	Tr.	179	51	[10] R. A. decreased one thread interval.
21224	9.10	46.71	1	21	45	11.08	39	10	22.4	Mu.	57	23	
	10	46.79	1			11.52			21.2	Tr.	94	14	
21225	10	48.59	2	21	45	11.20	22	25	21.3	Mu.	187	36	
	10	48.56	2			11.45			16.8	Mer.	135	50	
	10	48.55	1			11.46			17.3	Tr.	176	26	
	10	48.59	2			11.65			21.4	Mer.	136	47	
21226	9	47.65	1	21	45	15.42[11]	28	27	60.7[12]	Mer.	199	114	[11] R. A. decreased 10 sec.
	9	47.80	1			15.48			57.8	Mer.	208	6	[12] Decl. changed one rev. north.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
21227	7	46.72	1	21	45	18.18	36	45	52.5	Tr.	74	19	
21228	11	48.79	1	21	45	19.12	25	49	58.9	Mu.	209	45	
	9	46.61	3			20.12			....	Tr.	54	33	
21229	8	46.71	3	21	45	21...[1]	26	28	51.5	Mu.	56	69	[1] Separate threads give 21ˢ.64, 22ˢ.20, 20ˢ.99.
	8	47.72	3			21.83			48.0	Mer.	205	51	
	9	47.68	3			21.84			53.1	Mer.	105	45	
	8	47.68	5			21.85			49.7	Mer.	201	42	
	9	46.61	4			22.07[2]			50.4	Mer.	50	19	[2] One of five threads rejected; R. A.=21ˢ.33.
21230	9	48.67	2	21	45	24.23	20	42	62.9[3]	Mer.	146	100	[3] Decl. changed one rev. north.
	8.9	48.66	2			24.35			58.2[4]	Mer.	144	64	[4] Decl. changed one rev. south.
	9	48.67	2			24.56			59.5	Tr.	190	67	
	9	48.60	2			25.20			60.2	Mu.	188	85	
21231	9	46.71	2	21	45	29.57	27	14	....	Tr.	70	92	
21232	12	48.79	2	21	45	31.63	15	47	....	Tr.	205	26	
21233	11	47.70	2	21	45	39.64	30	57	14.0	Tr.	130	45	
	10	46.73	4			39.88			12.5	Tr.	77	23	
	8	47.71	2			40.05			12.2	Tr.	134	78	
21234	10	48.72	1	21	45	46.39	17	51	57.0	Mer.	149	69	
21235	8	46.70	3	21	45	48.00	34	50	27.4	Mu.	53	34	
21236	8	47.82	1	21	45	50.32	23	40	5.6	Mu.	144	14	
21237	8	46.72	2	21	45	50.76[5]	34	15	....	Tr.	73	43	[5] R. A. increased one thread interval.
21238	10	46.73	1	21	45	52.26	28	30	24.6	Tr.	81	23	
	8	47.80	1			52.44			22.4	Mer.	208	7	
	9	47.65	1			52.44			29.4	Mer.	199	115	
21239	10	46.71	3	21	45	52.47[6]	27	20	16.8	Mer.	62	36	[6] Two threads decreased 10 sec. each.
21240	8	47.71	1	21	45	53.62	29	32	28.2	Mu.	132	119	
	8	46.73	2			53.85			....	Tr.	76	14	
	8	47.71	2			53.85			28.8	Mer.	204	83	
	10	46.70	2			54.04			27.7	Mer.	58	36	
	8	46.73	2			54.12			....	Tr.	79	12	
21241	8	46.69	2	21	45	56.07	33	33	....	Tr.	66	37	
	9	46.72	2			56.33			41.3[7]	Mu.	59	22	[7] Decl. changed five rev. north.
21242	8.7	46.79	2	21	46	5.91	39	41	60.3	Tr.	94	15	
	7.8	46.80	3			5.96			59.1	Mu.	74	9	
	8	46.79	4			5.99			58.9	Mu.	72	4	
21243	8	46.70	1	21	46	23.93	35	21	4.8	Tr.	68	19	
	8.9	46.70	1			24.22			5.8	Mu.	53	35	
21244	7	46.72	2	21	46	29.71	33	42	45.6	Mu.	59	23	
21245	8	47.61	4	21	46	38.40	30	44	32.9	Mer.	198	41	
	8.9	46.73	2			38.40			28.2	Tr.	77	24	
	7.8	47.71	3			38.48			28.4	Tr.	134	79	
21246	9	47.70	2	21	46	48.31[8]	28	3	34.0	Tr.	132	56	[8] R. A. decreased one thread interval.
	10	46.73	3			48.40			37.3	Tr.	81	24	
	9	46.70	6			48.45			35.1	Mer.	60	64	
	9	46.77	4			48.52			38.5	Mer.	72	21	
21247	8.9	47.84	2	21	46	48.67	23	19	8.0	Mu.	146	8	
	9	48.67	4			49.04			6.7	Mer.	148	133	
21248	5	51.78	5	21	46	49.41	15	57	47.4	Mu.	281	21	
	8	48.78	2			49.43[9]			48.5	Tr.	204	5	[9] One of three threads rejected; R. A.=50ˢ.26.
	9	48.79	3			49.63			....	Tr.	205	27	
21249	9	47.72	3	21	46	50.03	26	17	31.3	Mer.	205	52	
	9	47.68	1			50.33			30.4[10]	Mer.	201	43	[10] Decl. changed one rev. south.
21250	7.8	46.80	2	21	46	53.19	40	0	49.6	Mu.	74	10	
	8	46.79	2			53.38			84.6[11]	Mu.	72	5	[11] If micrometer reading be assumed as 34.180 instead of 33.680, as recorded, Decl.=53″.2. Gou gives 53″.
21251	10	47.82	2	21	46	54...[12]	24	26	25.8	Mer.	113	8	
	9	46.76	2			54.25			....	Tr.	83	14	
21252	10	48.67	1	21	46	57.57[13]	20	20	41.1	Mer.	146	101	[12] Separate threads give 54ˢ.04, 54ˢ.96.
	8	48.67	1			58.23			42.5	Tr.	190	68	[13] R. A. decreased 1 min.
	9	48.60	2			58.77			35.8	Mer.	137	118	
	10	48.60	1			59.16			40.0	Mu.	188	86	
21253	9	46.73	3	21	46	57.95	25	43	19.5	Mer.	68	95	
	8	46.61	3			58.16			....	Tr.	54	34	
	10	47.68	2			58.34			16.7	Tr.	129	41	
21254	8	47.61	1	21	46	58.22	30	24	22.5	Mer.	198	42	
	7	47.70	1			58.56			24.0	Mu.	131	88	
	8	47.71	2			58.58			22.1[14]	Tr.	134	80	[14] Decl. changed one wire interval south.
	8	46.73	4			58.80			20.3	Mu.	61	53	
	8	47.71	5			59.01			20.1	Mer.	203	46	
21255	9	48.67	4	21	46	59.62	23	59	45.7	Mu.	203	50	
	9	48.55	2			59.62			46.2	Mu.	184	40	
	7	47.82	1			59.67			49.8	Mu.	144	15	
	8	46.62	2			59.80			46.5[15]	Mu.	46	32	[15] Decl. changed one rev. north.
21256	9	46.69	2	21	47	2.38	33	11	....	Tr.	66	38	
21257	10	48.69	2	21	47	5.14	18	56	46.9	Tr.	193	53	
	9	48.59	4			5.23			....	Tr.	181	37	
21258	10	46.72	1	21	47	6.22	36	50	7.2	Tr.	74	20	
21259	7	46.56	4	21	47	9.92	31	18	45.2	Mu.	38	4	
	6	47.70	4			10.08			42.0	Tr.	130	46	
21260	9	46.56	1	21	47	13.67[16]	31	37	57.8	Mu.	38	5	[16] R. A. increased 10 sec.
	8	46.56	2			13.99			57.5	Tr.	48	6	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
21261	9	48.66	2	21	47	14.42	21	7	39.4	Mer.	144	65	
	8	52.74	5			14.53			36.9[1]	Mer.	251	9	[1] Decl. changed four rev. north.
	10	48.56	4			14.70			....	Tr.	180	65	
	9	48.56	2			15.08[2]			38.9	Mu.	185	35	[2] One of three threads rejected; R. A. = $12^{s}.61$.
21262	8	48.60	4	21	47	15.66[3]	21	50	....	Tr.	182	84	[3] R. A. decreased 1 min.
	8	48.69	4			15.76			44.6	Mu.	204	13	
21263	9	48.55	2	21	47	15.77	23	45	35.0	Mu.	184	41	
	7	47.82	2			15.88			34.8	Mu.	144	16	
	7	46.62	1			16.06			34.4	Mu.	46	33	
21264	9	48.60	2	21	47	16. ..[4]	20	6	26.9[5]	Mer.	137	119	[4] R. A. decreased 1 min. Separate threads give $15^{s}.40$, $16^{s}.29$.
	9	48.66	2			16.00			31.3	Mu.	197	24	
21265	8	46.72	2	21	47	19.67	37	31	9.5	Mu.	60	46	[5] Decl. changed one rev. north.
21266	4.5	46.71	2	21	47	20.06	37	57	44.7	Tr.	71	33	
	6	46.72	6			20.16			44.2	Mu.	60	47	
21267	9	47.68	2	21	47	31.19	26	30	10.8	Mer.	105	46	
21268	8	51.76	5	21	47	31.53[6]	16	22	12.3	Mer.	244	17	[6] R. A. increased 1 min.
21269	8	47.70	1	21	47	39.85	30	3	21.6	Mu.	131	89	
	8	47.71	2			40.08			14.5	Mer.	203	47	
21270	10	47.82	1	21	47	39.94	24	31	27.3	Mer.	113	9	
	9	46.76	2			40.15			....	Tr.	83	15	
21271	9	47.70	2	21	47	41.95[7]	27	59	50.3[8]	Mer.	202	48	[7] Separate threads give $42^{s}.31$, $41^{s}.60$.
	9	47.70	1			42.40			50.6	Tr.	132	57	[8] Decl. changed five rev. north.
	9	46.70	3			42.40			48.4	Mer.	60	65	
21272	8	47.65	2	21	47	44. ..[9]	28	38	42.8	Mer.	199	116	[9] Separate threads give $44^{s}.55$, $43^{s}.43$.
	9	46.56	3			44.27			41.1	Mer.	46	26	
21273	8	46.56	1	21	47	52.00	32	5	47.4	Tr.	48	7	
21274	6.7	47.68	3	21	47	56.12	26	12	31.2	Mer.	201	44	
	8	47.72	4			56.17			30.1	Mer.	205	53	
	8.9	46.72	7			56.54			35.5	Mer.	66	72	
	7.8	46.71	4			56.58			31.4	Mu.	56	70	
	8	46.61	3			56.60			34.4	Mer.	50	20	
21275	8.9	46.71	1	21	47	58.05	38	27	23.1	Tr.	71	34	
	7	46.71	4			58.27[10]			22.8	Mu.	57	24	[10] R. A. increased 1 min. One of five threads rejected; R. A. = $57^{s}.51$.
21276	8.9	46.71	1	21	47	58.09	38	22	8.4	Tr.	71	35	
21277	7.8	46.70	2	21	47	58.22	36	4	....	Tr.	68	20	
	7.8	46.70	5			58.30			7.5	Mu.	55	22	
21278	10	48.59	3	21	48	4. ..[11]	22	48	38.4	Mer.	136	48	[11] Separate threads give $4^{s}.30$, $5^{s}.75$, $4^{s}.92$.
	10	48.56	2			4.43			38.7	Mer.	135	51	
	11	48.63	1			5.19			35.8	Mu.	193	66	
	8	48.67	3			5.24			35.2[12]	Mer.	148	134	[12] Decl. changed one rev. north.
	9	47.84	1			5.43			37.7	Mu.	146	9	
	10	48.55	2			5.57			....	Tr.	179	52	
	10	48.55	1			5.58			36.6	Tr.	176	27	
	10	48.59	2			5.69			34.8	Mu.	187	37	
21279	11	48.79	1	21	48	4.65	25	25	46.4	Mu.	209	46	
21280	10	48.67	1	21	48	7.05	20	21	48.7	Mer.	146	102	
21281	7	47.71	2	21	48	7.22	29	31	37.8	Mu.	132	120	
	8	46.70	5			7.44			34.3	Mer.	58	37	
	7	47.71	7			7.50			34.4	Mer.	204	84	
	7	46.73	2			7.64			....	Tr.	76	15	
	7	46.73	2			7.66			....	Tr.	79	13	
21282	6	46.80	1	21	48	7.80	39	59	58.8	Mer.	78	7	
21283	10	48.67	1	21	48	12.50	20	44	4.5	Tr.	190	69	
21284	10	48.66	1	21	48	13.57	21	14	20.6	Mer.	144	66	
	8	52.74	5			14.23			30.6[13]	Mer.	251	10	[13] Decl. changed one rev. north.
21285	7.8	47.72	3	21	48	13.69	24	42	55.8	Mu.	134	69	
	8	46.73	2			13.69			57.2	Mer.	70	29	
	8.9	46.73	6			13.89			58.3	Mer.	69	92	
	9	46.61	2			13.92			55.1	Mu.	43	9	
	8	47.76	3			13.94			56.7	Mer.	109	23	
	8	46.76	2			14.04			....	Tr.	83	16	
21286	8	46.71	4	21	48	15.07[14]	38	28	6.1	Mu.	57	25	[14] R. A. increased 1 min.
21287	8	47.80	3	21	48	19.27	28	55	11.4	Mer.	208	8	
	8	47.65	1			19.34			10.5	Mer.	199	117	
	8	46.73	2			19.34			12.4	Mu.	63	16	
	8	46.56	6			19.52[15]			10.2[16]	Mer.	46	27	[15] R. A. decreased 1 min.
21288	10	48.74	2	21	48	20.11	16	33	....	Tr.	196	62	[16] Decl. changed one rev. north.
	10	48.78	2			20.26			52.2	Mu.	208	55	
21289	7	46.69	2	21	48	22.24	33	10	....	Tr.	66	39	
21290	9	46.70	4	21	48	24.64[17]	27	43	32.4	Mer.	60	66	[17] R. A. decreased one thread interval.
	9.10	46.71	4			24.75			34.7	Mer.	62	37	
	10	47.67	2			24.92[18]			31.9	Tr.	127	30	[18] R. A. increased one thread interval. One of three threads rejected; R. A. = $24^{s}.20$.
21291	7	46.71	2	21	48	27.61	27	11	....	Tr.	70	93	
	7.8	46.71	2			27.61			16.9[19]	Mer.	62	38	[19] Decl. changed ten rev. south.
	9	47.71	5			27.94			12.4	Mer.	107	53	
	7	46.75	3			27.95			11.5	Mu.	66	7	
	7	46.77	4			28.03			10.0	Mer.	71	31	
	8	47.54	3			28.21			16.3	Mer.	195	150	
	8	47.71	3			28.23			12.3	Tr.	133	41	
21292	6	48.72	4	21	48	29.85	18	36	24.3	Mu.	205	67	
	10	48.80	3			30.03			23.0	Tr.	208	4	
	8	48.69	3			30.07			23.4	Tr.	193	54	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
21293	10	48.79	1	21	48	31.14[1]	16	30	....	Mer.	153	40	[1] R. A. decreased 2 min.
21294	8	51.76	5	21	48	37.74	16	19	32.1	Mer.	244	18	
21295	8	46.72	1	21	48	42.74	37	20	55.3	Mu.	60	48	
21296	9	48.60	3	21	48	46.26	19	53	60.1	Mer.	137	120	
	10	48.66	2			46.39			58.8	Mu.	197	25	
21297	9	48.63	3	21	48	51.20	19	25	26.9	Mer.	141	118	
	10	48.67	2			51.27			27.1	Mu.	201	88	
21298	7	46.69	2	21	48	51.78	33	17	....	Tr.	66	40	
21299	11	46.73	2	21	48	52.10	30	30	55.5	Tr.	77	25	
	9	47.71	1			52.27			51.0	Tr.	134	81	
21300	8	47.84	1	21	48	59.48	23	23	55.4	Mu.	146	10	
	8	48.67	3			59.70			52.6	Mer.	148	135	
	8	47.82	1			59.97			52.6	Mu.	144	17	
21301	9	48.67	2	21	48	59.77	19	36	30.6	Mu.	201	89	
	10	48.59	3			60.20			....	Tr.	181	38	
	8	48.63	1			60.53[2]			27.3	Mer.	141	119	[2] R. A. increased 1 min.
21302	11	46.73	2	21	49	5.74	28	29	30.1	Tr.	81	25	
21303	9	46.70	1	21	49	6.64	35	46	7.3	Tr.	68	21	
21304	8	47.71	2	21	49	8.11	29	49	23.6	Mer	204	85	
	9	46.73	2			8.29			18.8	Mu.	61	54	
	8.9	47.70	1			8.31			19.8	Mu.	131	90	
	8	47.71	2			8.51			17.0	Mer.	203	48	
21305	10	48.79	2	21	49	8.31[3]	16	56	....	Mer.	153	41	[3] R. A. decreased 1 min.
	9	48.78	2			8.80[4]			46.8	Mu.	208	56	[4] R. A. decreased 1 min. and 10 sec.
	10	48.74	3			8.96			....	Tr.	196	63	
21306	..	47.59	1	21	49	9.37	25	35	....	Mer.	196	88	
21307	7.8	46.54	5	21	49	14.55	42	25	55.5	Mer.	45	21	
21308	9	48.67	2	21	49	16.75	23	24	48.3	Mer.	148	136	
21309	9	48.78	3	21	49	37.26	15	50	5.5	Tr.	204	6	
	9	48.79	3			37.46			....	Tr.	205	28	
21310	10	46.70	1	21	49	39.44	35	53	36.0	Tr.	68	22	
21311	7	47.82	1	21	49	44.90	23	56	32.6	Mu.	144	18	
	9	48.55	4			44.92			32.1	Mu.	184	42	
	7	46.62	1			45.48			30.6	Mu.	46	34	
21312	9	46.76	2	21	49	45.85	24	42	....	Tr.	83	17	
21313	9	46.73	2	21	49	47.00	30	27	3.4	Tr.	77	26	
	8	47.71	2			47.02			5.1	Tr.	134	82	
	8	47.61	3			47.14			4.2	Mer.	198	43	
	9	47.71	1			47.47			5.7	Mer.	203	49	
21314	6	46.80	2	21	49	48.10[5]	40	14	7.4	Mer.	78	8	[5] One of three threads rejected; R. A.=$49^{s}.05$.
	8	46.80	1			48.45			3.6	Mu.	74	11	
21315	11	46.72	1	21	49	49.07	36	49	29.7	Tr.	74	21	
21316	7	46.69	2	21	49	49.96	33	4	....	Tr.	66	41	
21317	10	48.72	3	21	49	51.08	18	20	2.9	Mer.	149	70	
21318	8	52.74	4	21	49	56.78[6]	21	26	52.6	Mer.	251	11	[6] One of five threads rejected; R. A.=$57^{s}.15$.
21319	10	48.79	2	21	50	1.53	15	48	....	Tr.	205	29	
	12	48.78	1			1.59			9.9	Tr.	204	7	
21320	7	46.80	4	21	50	5.42	43	31	27.2	Mer.	76	8	
21321	9	48.60	1	21	50	7.26	20	5	38.3	Mer.	137	121	
21322	8	48.63	2	21	50	9.14	19	16	18.8[7]	Mer.	141	120	[7] Decl. changed one rev. north.
	10	48.67	2			9.25			21.7[8]	Mu.	201	90	[8] Decl. changed five rev. north.
	10	48.59	1			9.53			....	Tr.	181	39	
21323	9	46.71	1	21	50	11.13	26	16	61.9	Mu.	56	71	
	8	47.72	4			11.15			55.0	Mer.	205	54	
	9	47.68	4			11.19			63.1	Mer.	105	47	
	10	46.72	3			11.22			60.1	Mer.	66	73	
	9	47.68	3			11.37[9]			56.1[10]	Mer.	201	45	[9] R. A. increased 1 min.
21324	5.4	46.79	4	21	50	12.76	39	6	34.7	Tr.	94	16	[10] Decl. changed one rev. north.
	7	46.71	2			13.03			30.6	Mu.	57	26	
21325	7	48.69	5	21	50	21.36	21	53	45.4	Mu.	204	14	
	8	48.60	2			21.61[11]			....	Tr.	182	85	[11] One of three threads rejected; R. A.=$20^{s}.57$.
21326	10	47.71	3	21	50	23.84	26	47	14.2	Mer.	107	54	
	9	46.71	2			24.21			....	Tr.	70	94	
21327	9	46.69	3	21	50	24.69	32	15	41.1	Mu.	52	19	
	9	46.56	2			24.80			41.2	Tr.	48	8	
21328	7	46.80	7	21	50	29.65	44	11	26.4[12]	Mer.	77	20	[12] Decl. changed three rev. south.
21329	9	48.67	2	21	50	30.95	20	19	14.9	Mer.	146	103	
	9	48.60	2			32.08			15.3	Mu.	188	87	
21330	10	46.71	1	21	50	31.74	37	59	3.6	Tr.	71	36	
21331	8	47.72	2	21	50	35.29[13]	26	3	58.4	Mer.	205	55	[13] Separate threads give $34^{s}.92$, $35^{s}.66$.
	9	47.59	3			35.31			58.8	Mer.	196	89	
	7	46.61	3			35.47			....	Tr.	54	35	
	9	46.72	3			35.47			60.5	Mer.	66	74	
	7	47.68	2			35.52			57.9	Mer.	201	46	
	9	46.61	4			35.54			59.4	Mer.	50	21	
	8	46.71	2			35.70			60.5	Mu.	56	72	
21332	8.9	46.73	4	21	50	44.05	24	36	13.1	Mer.	69	93	
	9	48.67	3			44.29			14.7	Mu.	203	51	
	9	46.61	1			44.48			15.1	Mu.	43	10	
21333	8	46.71	5	21	50	46.87	41	15	13.0	Mer.	64	1	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
21334	9	48.60	1	21	50	48.60	20	2	3.9	Mer.	137	122	
	9	48.66	1			48.96			7.5	Mu.	197	26	
21335	8	47.82	2	21	50	49.53	24	32	50.5	Mer.	113	10	
	8.9	48.67	3			49.64			47.3	Mu.	203	52	
	7.8	46.73	4			49.66			44.6	Mer.	69	94	
	5	46.68	2			49.77 [1]			....	Tr.	64	1	[1] One of three threads rejected; R. A.=$50^{s}.86$.
21336	6.7	47.82	2	21	50	51.13	23	35	13.5	Mu.	144	19	
	8.9	48.55	4			51.15			13.2	Mu.	184	43	
	7	46.62	2			51.44			14.0	Mu.	46	35	
21337	8	48.67	3	21	50	51.19	23	22	42.1	Mer.	148	137	
21338	6.7	46.73	5	21	50	51.29	29	46	12.3	Mu.	61	55	
	7	47.71	3			51.38			13.9	Mu.	132	121	
	6	46.73	2			51.55			....	Tr.	79	14	
	6.7	47.70	3			51.56			10.1	Mu.	131	91	
	6	47.71	2			51.82			13.5	Mer.	203	50	
	7	47.71	2			51.83			12.4	Mer.	204	86	
	8	46.70	2			52.00 [2]			14.0	Mer.	58	38	[2] One of three threads rejected; R. A.=$51^{s}.07$.
21339	8.9	46.73	3	21	50	53.93	25	11	29.4	Mer.	70	30	
	8	46.73	4			54.21			27.8	Mer.	68	96	
	9	46.73	2			54.25			30.7	Mer.	69	95	
	9	47.76	4			54.31			31.7	Mer.	109	24	
	7.8	47.72	3			54.39			26.3	Mu.	134	70	
21340	7	46.59	3	21	50	58.09	28	20	41.7	Tr.	50	3	
	6.7	46.77	7			58.13			40.0	Mer.	72	22	
	7	46.73	3			58.27			41.9	Tr.	81	26	
	7	47.70	3			58.35			42.7	Mer.	202	49	
	7	46.73	2			58.46			41.7	Mu.	63	17	
	7.8	46.70	4			58.59			42.9	Mer.	60	67	
21341	9	46.70	1	21	50	58.23	35	48	56.5	Tr.	68	23	
21342	12	46.72	1	21	50	58.43	37	2	31.2	Tr.	74	22	
21343	9	48.67	2	21	50	58.64 [3]	20	43	11.1	Mer.	146	104	[3] R. A. increased one thread interval.
	9	48.66	3			59.07			3.5	Mer.	144	67	
21344	8	46.70	4	21	50	59.58 [4]	35	15	55.9	Mu.	53	36	[4] R. A. decreased one thread interval.
21345	9	47.72	1	21	51	0.30	26	26	47.3	Mer.	205	56	
	8	47.68	1			0.38			46.4	Mer.	201	47	
	9	46.61	4			1.00			42.6 [5]	Mer.	50	22	[5] Decl. changed one rev. south.
21346	8.9	46.73	3	21	51	0.61	25	21	18.2	Mer.	70	31	
	8	48.79	2			0.79			13.3	Mu.	209	47	
	9	46.73	2			0.92			17.3	Mer.	68	97	
	8	47.72	1			1.13			12.9	Mu.	134	71	
21347	8.9	46.73	3	21	51	2.54	30	41	46.2	Tr.	77	27	
	9	47.61	3			2.55			46.0	Mer.	198	44	
	8	47.71	2			2.56			46.5	Tr.	134	83	
21348	9	51.76	5	21	51	3.88	16	21	50.3	Mer.	244	19	
21349	8	47.68	1	21	51	4.89	26	25	47.5	Mer.	201	48	
	9	46.71	1			5.20			49.3	Mu.	56	73	
	9	47.72	2			5.27			49.7	Mer.	205	57	
	9	46.61	3			5.33			44.6	Mer.	50	23	
21350	7.8	46.70	4	21	51	9.84	29	19	57.7	Mer.	58	39	
	8	47.71	3			9.86			58.5	Mer.	204	87	
	6	46.73	2			10.17			....	Tr.	76	16	
	7	47.71	2			10.29			59.6	Mu.	132	122	
21351	7	46.56	2	21	51	10.09	32	14	25.3	Tr.	48	9	
	6.7	46.69	4			10.23			22.8	Mu.	52	20	
21352	10	48.72	2	21	51	10.94 [6]	18	1	22.7 [7]	Mer.	149	71	[6] R. A. decreased 1 min.
21353	9	48.72	4	21	51	12.00	18	42	36.7	Mu.	205	68	[7] Decl. changed two wire intervals south.
	9	48.69	4			12.38			33.1	Tr.	193	55	
21354	6	46.80	2	21	51	14.77	43	10	2.3	Mer.	76	9	
	8.9	46.54	5			14.91			0.1	Mer.	45	22	
21355	10	48.59	1	21	51	19.92	18	54	....	Tr.	181	40	
21356	7.8	47.71	1	21	51	23.98	29	41	7.2	Mer.	203	51	
	8	46.73	2			24.38			....	Tr.	76	17	
	9	46.73	1			24.47			6.4	Mu.	61	56	
	8	46.73	2			24.57			....	Tr.	79	15	
	9	47.71	1			24.92			14.2	Mer.	204	88	
	8.9	47.70	1			24.96 [8]			5.5	Mu.	131	92	[8] R. A. decreased one thread interval.
21357	8	46.70	5	21	51	25.36	28	8	60.3	Mer.	60	68	
	8	46.77	2			25.39			59.6	Mer.	72	23	
	8	47.70	2			25.48			58.9	Mer.	202	50	
	9	46.73	2			25.69			57.5	Tr.	81	27	
	9	46.59	2			25.74 [9]			61.1	Tr.	50	4	[9] R. A. increased 1 min.
21358	10	48.74	1	21	51	27.01	17	2	....	Tr.	196	64	
	10	48.78	1			27.11			27.1	Mu.	208	57	
21359	10	46.68	2	21	51	32.54	24	32	....	Tr.	64	2	
21360	9	46.70	1	21	51	36.48 [10]	28	0	56.4	Mer.	60	69	[10] R. A. increased 10 sec.
21361	9	46.73	2	21	51	47.68	25	31	23.5	Mer.	68	98	
21362	8	48.79	1	21	51	52.23	25	38	46.1	Mu.	209	48	
21363	9	46.72	2	21	51	52.99	34	13	....	Tr.	73	44	
21364	7	46.72	5	21	52	0.51	37	16	19.3	Mu.	60	49	
	7	46.72	1			0.56			19.9	Tr.	74	23	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
21365	10	48.74	1	21	52	0.66	17	6	....	Tr.	196	65	
21366	10	47.76	1	21	52	3.86	24	57	50.3	Mer.	109	25	
21367	8.9	46.70	3	21	52	4.77	36	10	27.3	Mu.	55	23	
21368	9	48.72	2	21	52	4.85	18	6	7.9	Mer.	149	72	
21369	9	48.60	2	21	52	10..[1]	21	32	....	Tr.	182	86	[1] Separate threads give $8^{s}.41$, $10^{s}.64$. AW gives $10^{s}.1$. CiZ gives $10^{s}.3$.
	7	52.74	5			10.00			6.7[2]	Mer.	251	12	
21370	5	47.71	1	21	52	11.51[3]	29	10	18.2	Mer.	204	89	[2] Decl. changed one wire interval south.
	7	46.70	2			12.18			16.4	Mer.	58	40	[3] R. A. increased one thread interval and decreased 1 min.
	5.6	46.73	2			12.49			15.0	Mu.	63	18	
	6	47.80	4			12.50			19.5	Mer.	208	9	
	6	47.71	2			12.53			13.8	Mu.	132	123	
	5	47.65	2			12.53			14.5	Mer.	199	118	
	6	46.56	5			12.53			15.9	Mer.	46	28	
21371	9	48.67	1	21	52	15.27	24	0	39.4	Mu.	203	53	
	7	46.62	2			15.76			39.9	Mu.	46	36	
	9	48.55	4			15.86			39.7	Mu.	184	44	
	7	47.82	2			15.90			41.1	Mu.	144	20	
21372	8.9	47.82	1	21	52	17.62	24	4	53.1[4]	Mu.	144	21	[4] Decl. changed five rev. north.
21373	9	46.71	6	21	52	19.59	27	14	25.8	Mer.	62	39	
	8	46.75	3			19.64			23.5	Mu.	66	8	
	10	47.71	3			19.68			23.3	Mer.	107	55	
	10	47.71	3			19.69			24.2	Tr.	133	42	
	8	47.54	7			19.77			23.7[5]	Mer.	195	151	[5] Decl. changed one wire interval north.
	7.8	46.77	4			19.91			23.2	Mer.	71	32	
21374	10	46.56	1	21	52	19.65	32	13	30.4	Tr.	48	10	
21375	9	46.72	1	21	52	33.91	36	46	35.4	Tr.	74	24	
21376	10	48.66	1	21	52	34.31	21	3	33.2	Mer.	144	68	
21377	6	46.72	2	21	52	36.67	34	32	....	Tr.	73	45	
21378	8	47.80	1	21	52	37.11	29	2	34.1	Mer.	208	10	
	9	46.56	5			37.62			33.5[6]	Mer.	46	29	[6] Decl. changed one wire interval south.
21379	8	48.79	1	21	52	42.15	25	43	33.4	Mu.	209	49	
	9	47.59	2			42.57			32.8	Mer.	196	90	
	7.8	46.73	2			42.88[7]			37.2	Mer.	68	99	[7] R. A. decreased 1 min.
	8	46.61	3			42.96			....	Tr.	54	36	
	8.9	46.72	3			43.05			37.1	Mer.	66	75	
	9	47.68	2			43.11			34.7	Tr.	129	42	
21380	9	47.84	1	21	52	42.57	23	23	2.2	Mu.	146	11	
	8	48.67	3			42.83			0.7[8]	Mer.	148	138	[8] Reduced for wire 2, 44 rev. instead of wire 2, 24 rev., as recorded.
21381	9	46.73	2	21	52	50.37	29	30	....	Tr.	76	18	
	10	46.73	2			50.52			....	Tr.	79	16	
21382	8	47.70	3	21	52	53.79	28	36	29.3	Mer.	202	51	
	8.9	46.77	3			53.91			23.9	Mer.	72	24	
21383	9	48.60	4	21	52	56.10	20	1	46.8	Mer.	137	123	
21384	8 9	46.72	2	21	52	57.73	37	53	41.6	Mu.	60	50	
	9	46.71	1			57.81			42.4	Tr.	71	37	
21385	10	48.72	2	21	53	4.81	18	14	1.5	Mer.	149	73	
21386	9	46.56	2	21	53	10.01	28	44	23.2	Mer.	46	30	
	9	46.77	1			10.39			22.3	Mer.	72	25	
21387	7.8	46.70	3	21	53	10.14	36	15	54.1	Mu.	55	24	
21388	8	47.59	1	21	53	11.15	25	34	60.3	Mer.	196	91	
	9	48.79	1			11.26			61.5	Mu.	209	50	
	9	47.68	2			11.32			65.1	Tr.	129	43	
	8.9	46.72	4			11.33			61.8	Mer.	66	76	
	7.8	46.73	2			11.36			58.8	Mer.	68	100	
	8	46.61	2			11.38			....[9]	Tr.	54	37	[9] Decl. changed one wire interval north.
21389	8	46.70	4	21	53	12.48	35	6	3.8	Mu.	53	37	
21390	8.9	46.54	7	21	53	13.87	42	48	9.9	Mer.	45	23	
21391	8	47.72	3	21	53	17.61	26	10	40.7	Mer.	205	58	
	..	47.68	7			17.71			46.4	Mer.	105	48	
	9	46.61	3			17.84			42.9	Mer.	50	24	
21392	..	51.76	5	21	53	22.17	16	19	50.2	Mer.	244	21	
	7	51.78	5			22.23			50.5	Mu.	281	22	
	..	51.76	4			22.38			....	Mer.	244	22	
	..	51.76	5			22.41			....	Mer.	244	20	
21393	9	47.84	1	21	53	26.72	23	14	49.1	Mu.	146	12	
	8	48.67	3			27.35			41.2[10]	Mer.	148	139	[10] If micrometer reading be assumed as 43.313 instead of 43.513 rev., as recorded, Decl. = 48″.1.
21394	8	46.72	1	21	53	30.53	36	33	11.1	Tr.	74	25	
	8	46.70	2			30.57			9.2	Mu.	55	25	
21395	8	47.72	1	21	53	32.43	26	4	17.8	Mer.	205	59	
21396	8.9	46.72	2	21	53	34.49	37	49	10.1	Mu.	60	51	
21397	5	46.80	6	21	53	41.42	40	22	37.9	Mer.	78	9	
	8	46.80	3			41.51			36.1	Mu.	74	12	
	7.8	46.79	3			41.57			33.9	Mu.	72	6	
21398	9	51.78	5	21	53	43.07	16	7	4.8	Mu.	281	23	
21399	8.9	46.79	1	21	53	45.58	40	20	5.3	Mu.	72	7[11]	[11] Unidentified. Looked for with equatorial but not found. CoD−40°14622 follows 53^{s} at the same declination.
21400	9	47.82	3	21	53	46.49[12]	24	20	8.0	Mer	113	12	
	8.9	48.67	3			46.50			10.7	Mu.	203	54	
	7	46.68	2			46.53			....	Tr.	64	3	[12] R. A. decreased one thread interval.
21401	5	46.69	2	21	53	47.53	32	51	....	Tr.	66	42	
	7	46.69	5			47.63			16.2	Mu.	52	21	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
21402	7	46.80	4	21	53	49.12[1]	43	57	6.2	Mer.	77	21	[1] One of five threads rejected; R. A.=$49^{s}.93$.
21403	10	46.73	2	21	53	49.24	29	21	....	Tr.	79	17	
	8.9	47.71	1			49.44			48.6	Mu.	132	124	
21404	7	48.67	1	21	53	49.85	22	49	12.8	Mer.	148	140	
	11	48.56	4			50.05			....	Tr.	179	53	
	10	48.59	1			50.08			16.9	Mer.	136	49	
	10	48.55	1			50.12[2]			15.2	Tr.	176	28	[2] R. A. increased one thread interval.
	9	47.84	1			50.74			13.6	Mu.	146	13	
21405	10	48.80	4	21	53	55.65[3]	18	37	11.4	Tr.	208	5	[3] One of five threads rejected; R. A.=$56^{s}.71$.
	7	48.69	4			55.92			13.2	Tr.	193	56	
	7	48.72	5			55.97			16.0	Mu.	205	69	
21406	9	46.56	2	21	53	59.79[4]	31	25	51.7	Mu.	38	6	[4] R. A. increased 1 min. One of three threads rejected; R. A.=$60^{s}.67$.
21407	12	48.79	2	21	54	0.43	15	41	....	Tr.	205	30	
21408	6	47.70	2	21	54	7.23	28	5	8.4	Mer.	202	52	
	6.7	46.77	2			7.24			13.3	Mer.	72	26	
	6.7	46.73	3			7.27			10.7	Tr.	81	28	
	6	46.59	3			7.33			10.7	Tr.	50	5	
	7.8	46.70	4			7.50			10.0	Mer.	60	70	
21409	9.10	48.78	2	21	54	16. . .[5]	16	54	23.7	Mu.	208	58	[5] Separate threads give $15^{s}.93$, $16^{s}.75$.
	10	48.79	1			16.11[6]			....	Mer.	153	42	[6] R. A. decreased 1 min.
	10	48.74	2			16.48			....	Tr.	196	66	
21410	10	46.70	1	21	54	25.15	35	30	0.7	Tr.	68	24	
21411	9	46.73	2	21	54	27.42[7]	29	44	26.0[8]	Mu.	61	57	[7] One of three threads rejected; R. A.=$35^{s}.08$. Another thread decreased 10 sec. and R. A. increased 1 min.
	9	46.73	2			27.62			....	Tr.	76	19	
	9	47.71	2			27.71			27.1	Mer.	203	52	
21412	7.8	46.69	2	21	54	32.66	32	9	58.9	Mu.	52	22	[8] Decl. changed one rev. south.
	8.	46.56	2			33.14			57.8	Tr.	48	11	
21413	9	47.54	4	21	54	34.72[9]	27	46	19.5[10]	Mer.	195	152	[9] Two of six threads rejected; R. A.=$35^{s}.71$, $35^{s}.53$.
	8	46.70	6			35.16			22.4	Mer.	60	71	
	7	46.75	4			35.39			28.7	Mu.	66	9	[10] Decl. changed two rev. north.
	8.9	46.71	5			35.39			22.7[11]	Mer.	62	40	[11] Decl. changed one wire interval north.
21414	7	46.73	5	21	54	35.80	30	37	31.2	Tr.	77	28	
	7	47.61	3			35.93			28.5	Mer.	198	45	
	7	47.71	3			36.02			30.6	Tr.	134	84	
21415	9	47.71	2	21	54	40.11	29	52	30.2	Mer.	203	53	
	9	46.73	2			40.17[12]			36.4	Mu.	61	58	[12] One of three threads rejected; R. A.=$36^{s}.22$. The other two decreased 10 sec. each and R. A. increased 1 min.
	8.9	47.70	1			40.34			33.2	Mu.	131	93	
21416	9	46.56	1	21	54	42.37	32	19	35.3	Tr.	48	12	
21417	10	46.73	1	21	54	43.58[13]	29	18	....	Tr.	79	18	[13] CPD gives $46^{s}.2$; CoD gives $45^{s}.7$.
	9	46.56	3			45.58			31.7	Mer.	46	31	
	8.9	47.71	1			45.68			29.5	Mu.	132	125	
	9.10	47.71	3			45.89			30.8	Mer.	204	90	
21418	9	48.72	3	21	54	43.70	18	8	58.7	Mer.	149	74	
21419	10	48.67	2	21	54	51.95	20	49	57.0	Mer.	146	105	
	10	48.66	1			52.17[14]			49.8	Mer.	144	69	[14] R. A. decreased 1 min.
21420	7.8	47.71	2	21	54	60.29[15]	30	4	7.6	Mer.	203	54	[15] One of three threads rejected; R. A.=$51^{s}.67$.
	6.7	47.70	2			60.32			5.4	Mu.	131	94	
21421	8	46.69	3	21	55	0.52	33	4	....	Tr.	66	43	
21422	10	48.79	1	21	55	9.05	16	53	....	Mer.	153	43	
	10	48.74	1			10.00			....	Tr.	196	67	
	9.10	48.78	2			10.02[16]			42.1	Mu.	208	59	[16] R. A. increased 1 min.
21423	9	46.73	2	21	55	10.48	28	46	20.9	Mu.	63	19	
	9	46.77	1			10.55			26.6	Mer.	72	27	
21424	9	48.79	4	21	55	14.52	15	40	....	Tr.	205	31	
	10	48.78	4			14.53			31.5	Tr.	204	8	
21425	8	46.79	4	21	55	18.20	39	35	52.9	Tr.	94	17	
21426	10	47.76	1	21	55	19.94[17]	25	24	43.9	Mer.	109	26	[17] R. A. increased 1 min. and one thread interval.
21427	9	48.79	1	21	55	21.26	25	32	24.8	Mu.	209	52	
	9	46.72	2			21.66			23.9	Mer.	66	78	
	8	46.61	3			21.80			....	Tr.	54	38	
	8	46.73	3			21.93			27.0	Mer.	68	101	
	8	47.59	4			22.03			24.1	Mer.	196	92	
21428	8	47.68	3	21	55	21.71	25	34	8.8	Tr.	129	44	
	9	46.72	3			22.26			7.9	Mer.	66	77	
	8	48.79	1			22.51			8.5	Mu.	209	51	
	8	47.59	3			22.91			8.8	Mer.	196	93	
21429	7	51.76	5	21	55	35.62	16	38	6.3	Mer.	244	23	
21430	8	46.72	2	21	55	41.28	34	28	....	Tr.	73	46	
21431	6	46.73	4	21	55	44.21	30	38	26.4[18]	Tr.	77	29	[18] Decl. changed one wire interval south.
	6	47.71	3			44.22			26.1	Tr.	134	85	
	6	47.61	3			44.59			26.0[19]	Mer.	198	46	[19] Decl. changed two wire intervals north.
21432	8	46.70	4	21	55	48.06	36	25	13.6	Mu.	55	26	
21433	9	48.59	2	21	55	48.16[20]	22	30	10.4	Mer.	136	50	[20] R. A. decreased 1 min.
	8	48.59	3			48.39			12.5	Mu.	187	38	
	8	48.55	2			48.39			....	Tr.	179	54	
	9	48.55	2			48.52			13.8	Tr.	176	29	
21434	6.7	46.80	4	21	55	54.94	40	25	39.8	Mer.	78	10	
21435	9	48.72	4	21	55	56.53	18	32	15.1	Mer.	149	75	
	9	48.72	3			56.74			13.0	Mu.	205	70	
	8	48.69	4			56.91			11.9	Tr.	193	57	
	12	48.80	2			56.92			14.0	Tr.	208	6	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
21436	10	47.71	6	21	55	58.39[1]	26	36	34.9	Mer.	107	56	[1] R. A. increased 1 min.
	6.7	46.71	2			58.56[2]			27.9	Mu.	56	74	[2] R. A. increased one thread interval.
	6	47.72	4			58.60			28.8	Mer.	205	60	
	6	46.77	7			58.61			26.3	Mer.	71	33	
	7.8	46.61	5			58.78			29.1	Mer.	50	25	
	6	47.71	3			58.82			27.4	Tr.	133	43	
21437	9	46.56	2	21	55	59.08	31	33	26.0	Mu.	38	7	
21438	9	48.74	2	21	56	1.40	16	53	....	Tr.	196	68	
	8	48.78	3			1.50			9.8	Mu.	208	60	
	9.10	48.79	2			1.59			....	Mer.	153	44	
21439	8	46.69	2	21	56	1.72	33	16	....	Tr.	66	44	
21440	7	47.80	3	21	56	3.26[3]	29	9	42.5	Mer.	208	11	[3] R. A. increased 1 min.
	7	46.73	2			3.33			34.6	Mu.	63	20	
	6	46.73	2			3.39			....	Tr.	76	20	
	5	46.73	2			3.41			....	Tr.	79	19	
	7.8	46.56	6			3.46			36.3	Mer.	46	32	
	7	47.71	4			3.47			34.1	Mer.	204	91	
	7	47.71	3			3.53			35.3	Mu.	132	126	
	7.8	46.70	4			3.54[4]			34.6	Mer.	58	41	[4] R. A. increased 2 min.
21441	7	46.71	6	21	56	4.25	27	32	44.1	Mer.	62	41	
	5	46.75	4			4.29			46.6	Mu.	66	10	
	7	47.54	2			4.77			46.4	Mer.	195	153	
21442	9	48.66	3	21	56	6.82	21	8	7.5	Mer.	144	70	
	8	52.74	5			6.96			9.5	Mer.	251	13	
21443	9	46.70	1	21	56	9.34	35	53	53.0	Tr.	68	25	
21444	9	48.79	1	21	56	16.12	25	50	31.0	Mu.	209	53	
	9.10	46.72	2			16.35			27.5	Mer.	66	79	
21445	9	46.68	2	21	56	24.38	24	27	....	Tr.	64	4	
	9	47.82	1			24.60			14.8	Mer.	113	13	
21446	9	47.84	1	21	56	28.43	23	0	43.8	Mu.	146	15	
	8	48.67	5			28.99			45.6	Mer.	148	141	
21447	9	46.70	1	21	56	29.75	35	53	19.6	Tr.	68	26	
21448	8	47.84	2	21	56	31.46	22	58	10.0	Mu.	146	14	
	8	48.67	5			31.64			11.4	Mer.	148	142	
21449	9	46.73	1	21	56	35.44	28	54	23.0	Mu.	63	21	
	9	46.56	3			35.99			26.0	Mer.	46	33	
	8	47.82	4			35.99			23.7	Mer.	209	1	
	9	47.80	1			36.15			32.6	Mer.	208	12	
21450	8	48.66	2	21	56	35.82	19	47	58.3	Mu.	197	27	
	9	48.60	2			36.33			61.6	Mer.	137	124	
21451	10	47.76	2	21	56	43.13[5]	24	56	5.0	Mer.	109	27	[5] R. A. increased 1 min.
	9	46.73	6			43.48			0.7	Mer.	69	96	
	8	47.72	2			43.74			2.1	Mu.	134	72	
21452	4	46.80	6	21	56	45.50	44	41	26.9	Mer.	77	22	
21453	10	47.71	2	21	56	47.73[6]	30	1	30.3	Mer.	203	55	[6] One thread increased 10 sec.
21454	8	46.56	2	21	56	54.13[7]	31	26	1.9	Mu.	38	8	[7] One of three threads rejected; R. A.=$53^{s}.18$.
21455	9.10	48.67	1	21	56	54.35	24	9	36.5	Mu.	203	55	
	8	46.68	2			54.44			....	Tr.	64	5	
21456	10	47.71	1	21	56	54.78	29	42	15.2	Mer.	204	92	
21457	9	46.72	2	21	56	58.97	34	21	....	Tr.	73	47	
21458	9	46.71	4	21	56	58.99	40	58	5.0	Mer.	64	2	
21459	2	46.80	3	21	57	3.20	40	15	53.5	Mer.	78	11	
	4	46.79	7			3.49			51.3	Mu.	72	8	
	3.4	46.80	4			3.59			51.2	Mu.	74	13	
21460	11	46.71	2	21	57	10.49	26	56	....[8]	Tr.	70	95	[8] Decl. changed two wire intervals north.
21461	9	46.70	2	21	57	11.63[9]	35	7	32.8	Mu.	53	38	[9] One of three threads rejected; R. A.=$20^{s}.83$.
21462	10	47.76	1	21	57	14.88	24	15	19.7	Tr.	137	1	
	9.10	48.67	1			15.02			22.4	Mu.	203	56	
21463	9	48.59	3	21	57	32.79	19	23	....	Tr.	181	41	
	8	48.67	2			33.29			44.0	Mu.	201	91	
21464	10	48.67	3	21	57	34.28	20	29	65.9	Mer.	146	106	
	10	48.60	2			34.90			59.9	Mu.	188	88	
21465	9	46.73	1	21	57	34.59[10]	28	45	5.5	Mu.	63	22	[10] R. A. decreased one thread interval.
	8	47.80	1			34.87			3.5	Mer.	208	13	
	9	46.56	3			35.01			0.7	Mer.	46	34	
	7	47.82	3			35.11			0.8	Mer.	209	2	
	9	46.77	3			35.20			6.5	Mer.	72	28	
21466	7	47.71	1	21	57	36.10	29	47	55.9	Mu.	132	128	
	8	47.71	2			36.21			55.8	Mer.	203	56	
	6.7	47.70	5			36.48			50.8	Mu.	131	95	
	8	46.70	2			36.51			54.1	Mer.	58	43	
	7.8	46.73	2			36.65			51.6	Mu.	61	60	
	7	47.71	2			36.84			54.3	Mer.	204	93	
21467	7	46.73	2	21	57	38.42	29	25	....	Tr.	76	21	
	7	47.71	4			38.46			54.6	Mu.	132	127	
	8	46.70	4			38.48			54.8	Mer.	58	42	
	7	46.73	2			38.55			....	Tr.	79	20	
	7	47.71	2			38.67			54.7	Mer.	204	94	
21468	9	48.60	3	21	57	38.43[11]	19	39	25.2	Mer.	137	125	[11] R. A. decreased one thread interval.
	10	48.67	2			38.99			30.9	Mu.	201	92	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
21469	9	47.72	1	21	57	44.34	26	27	11.1	Mer.	205	61	
21470	9	48.78	2	21	57	48. . .[1]	16	43	23.6	Mu.	208	61	[1] Separate threads give 49ˢ.06, 47ˢ.79.
	..	51.76	5			48.96			26.4	Mer.	244	25	
	9	48.79	3			49.02			....	Mer.	153	45	
	..	51.76	5			49.28			....	Mer.	244	24	
	10	48.74	2			49.30			....	Tr.	196	69	
21471	8	46.69	5	21	57	52.63	32	17	49.8	Mu.	52	23	
	8	46.56	2			52.73			50.2	Tr.	48	13	
21472	8	46.54	6	21	57	56.08	43	13	48.2	Mer.	45	24	
21473	9	46.62	1	21	57	57.28	23	49	43.4	Mu.	46	37	
21474	10	48.78	4	21	58	3.04	15	37	25.0	Tr.	204	9	
	8	48.79	4			3.06			....	Tr.	205	32	
21475	9	46.73	2	21	58	3.52	29	28	....	Tr.	76	22	
21476	8	47.70	2	21	58	9.03[2]	27	51	13.1	Mer.	202	53	[2] One of three threads rejected; R. A.=7ˢ.04.
21477	10	46.79	1	21	58	12.07	39	39	43.1	Tr.	94	18	
21478	8.9	46.70	5	21	58	13.25	35	55	57.0	Mu.	55	27	
	9	46.70	1			13.38			60.7	Tr.	68	27	
21479	7.8	46.73	1	21	58	12.49[3]	30	20	47.1	Mu.	61	61	[3] "Time of transit doubtful."
	7	47.70	1			14.57			44.2	Mu.	131	96	
	8	47.71	1			14.70			48.1	Mer.	203	57	
	6.7	46.73	3			14.71			46.5	Tr.	77	30	
	7	47.61	4			14.74			46.0[4]	Mer.	198	47	[4] Decl. changed one rev. north.
21480	10	46.72	1	21	58	18.11	34	42	....	Tr.	73	48	
21481	11	46.71	2	21	58	27.18	27	16	....[5]	Tr.	70	96	[5] Decl. changed one wire interval south.
21482	9	46.77	2	21	58	35.50	28	46	36.3	Mer.	72	29	
	8	47.82	1			35.91			34.0	Mer.	209	3	
21483	10	47.82	2	21	58	40.33	24	21	52.7	Mer.	113	14	
	9	46.68	2			40.43			....	Tr.	64	6	
21484	9	48.55	3	21	58	52. . .[6]	22	58	....	Tr.	179	55	[6] Separate threads give 51ˢ.65, 52ˢ.47, 53ˢ.43.
	7	47.84	2			53.24			14.5	Mu.	146	16	
	6	48.67	6			53.35			14.1	Mer.	148	143	
	9	48.59	2			53.47[7]			16.4	Mer.	136	51	[7] One thread decreased one thread interval.
21485	9	48.67	1	21	58	57.02[8]	22	48	33.4[9]	Mer.	148	144	[8] R. A. increased 1 min.
21486	8	47.80	2	21	59	6.92	28	47	9.8	Mer.	208	14	[9] Decl. changed one wire interval north.
	8	46.73	1			7.20			8.1	Mu.	63	23	
	8	46.56	2			7.60			8.8[10]	Mer.	46	35	[10] Decl. changed nine rev. north.
	8	46.77	2			7.66			11.0	Mer.	72	30	
	8	47.82	1			7.90			10.6	Mer.	209	4	
21487	9	48.67	3	21	59	8.68	20	17	51.5	Mer.	146	107	
	8	48.66	2			8.95			48.6	Mu.	197	28	
	9	48.60	1			9.77			51.7	Mu.	188	89	
21488	8	47.80	1	21	59	10.15	28	52	38.7	Mer.	208	15	
	8	47.82	2			10.23			39.3	Mer.	209	5	
	7.8	46.56	6			10.30			34.8[11]	Mer.	46	36	[11] Decl. changed one wire interval north.
	7	46.73	2			10.38			37.1	Mu.	63	24	
21489	8	46.61	3	21	59	11.18[12]	25	7	15.4	Mu.	43	11	[12] Separate threads give 10ˢ.64, 11ˢ.20, 11ˢ.69.
	8	46.73	2			11.24			14.9	Mer.	70	32	
	7	46.73	4			11.33			14.9	Mer.	68	102	
	7	47.72	3			11.53			13.3	Mu.	134	73	
	8	46.73	4			11.56			14.0[13]	Mer.	69	97	[13] Decl. changed one rev. north.
	9	47.76	4			11.78[14]			15.2	Mer.	109	28	[14] One of five threads rejected; R. A.=12ˢ.84.
21490	9	46.73	2	21	59	15.38	24	40	31.4	Mer.	69	99	
21491	8	46.69	2	21	59	16.65	33	6	....	Tr.	66	45	
21492	8	46.73	4	21	59	17.93	25	14	33.7	Mer.	68	103	
	8	47.59	2			17.94			43.3[15]	Mer.	196	94	[15] Decl. changed one wire interval north.
	8	46.73	1			18.01			37.1	Mer.	70	33	
	8	46.73	3			18.16			37.3	Mer.	69	98	
	7	47.72	2			18.25			34.2	Mu.	134	74	
	8	46.61	2			18.43			35.6	Mu.	43	12	
21493	8	48.69	3	21	59	19.13	21	29	13.7	Mu.	204	15	
	7	52.74	5			19.47			12.7	Mer.	251	14	
21494	9	47.71	1	21	59	19.90	30	12	51.2	Mer.	203	58	
21495	9	46.61	3	21	59	20.43	25	25	....	Tr.	54	39	
	9	48.79	2			20.46			32.6	Mu.	209	54	
	9	47.59	2			20.64			28.0	Mer.	196	95	
	11	47.68	3			20.70			34.3	Tr.	129	45	
21496	8	48.78	3	21	59	27.90	15	13	11.3[16]	Tr.	204	10	[16] Decl. changed one rev. north.
21497	10	48.60	1	21	59	28.13[17]	20	25	2.5	Mu.	188	90	[17] R. A. decreased one thread interval.
21498	8.9	48.69	1	21	59	30.00	22	19	21.7	Mu.	204	16	
	9	48.55	2			30.08			20.8	Tr.	176	30	
	8	48.59	4			30.38			18.1	Mu.	187	39	
	10	48.60	2			30.66			....	Tr.	182	87	
21499	8	46.70	2	21	59	30.52	35	17	0.3	Mu.	53	39	
21500	10	46.73	1	21	59	32.48	30	58	38.2	Tr.	77	31	
21501	5	46.72	3	21	59	37.09	33	43	3.8	Mu.	59	24	
21502	9	47.84	1	21	59	37.45	23	20	38.0	Mu.	146	17	
	7	47.82	1			38.14			37.8	Mu.	144	22	
	8	48.67	1			38.28			38.4	Mer.	148	145	
21503	5	46.72	2	21	59	38.13[18]	34	46	....	Tr.	73	49	[18] R. A. increased one thread interval.
	4	46.70	2			38.40			19.6	Mu.	53	40	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
21504	9	48.72	1	21	59	38.92	18	39	38.3	Mu.	205	71	
	8	48.69	3			39.11			36.1	Tr.	193	58	
21505	9	46.72	2	21	59	39.11[1]	33	40	33.3	Mu.	59	25	[1] One thread decreased one thread interval.
21506	9	48.79	4	21	59	42.45	16	43	....	Mer.	153	46	
	7	51.76	4			42.63[2]			56.0	Mer.	244	26	[2] One of five threads rejected; R. A.=$43^{s}.02$.
	9	48.74	3			42.78			....	Tr.	196	70	
	..	51.76	5			42.81			....	Mer.	244	27	
	9	48.78	3			43.01			55.0	Mu.	208	62	
21507	8	46.79	5	21	59	44.21	40	11	42.2	Mu.	72	9	
	6	46.80	7			44.25			40.2	Mer.	78	12	
	8.9	46.80	1			44.28			43.6	Mu.	74	14	
21508	8	46.71	3	21	59	48.70	38	48	39.4	Mu.	57	27	
21509	9	47.82	3	21	59	50.34[3]	24	27	45.7	Mer.	113	15	[3] R. A. decreased 1 min.
	7	46.68	2			50.58			....	Tr.	64	7	
	8.9	48.67	3			50.60			47.5	Mu.	203	57	
	8	47.76	2			50.61			45.2	Tr.	137	2	
21510	8.9	46.71	2	21	59	52.89	38	30	39.1	Mu.	57	28	
	9	46.71	2			53.01			35.4	Tr.	71	38	
21511	7	46.72	1	21	59	57.15	33	51	28.7	Mu.	59	26	
21512	8	48.69	2	22	0	0.51	18	33	43.7	Tr.	193	59	
	8.9	48.72	4			0.66			44.6	Mu.	205	72	
	10	48.80	3			0.77[4]			47.0	Tr.	208	7	[4] One of four threads rejected; R. A.=$0^{s}.05$.
21513	7	46.72	2	22	0	7.99	36	47	13.5	Tr.	74	26	
21514	7	46.69	2	22	0	10.43	33	13	....	Tr.	66	46	
21515	8.9	48.79	1	22	0	15.22	17	16	....	Mer.	153	47	
	7	48.78	3			15.78			26.4	Mu.	208	63	
21516	7	47.71	3	22	0	16.55	26	29	64.7	Tr.	133	44	
	6	47.72	5			16.93			61.8	Mer.	205	62	
	8	46.61	5			16.97			59.5	Mer.	50	26	
	7	46.71	2			17.03			60.9	Mu.	56	75	
21517	9	48.55	2	22	0	21.70	22	25	14.0	Tr.	176	31	
	11	48.55	2			22.50[5]			....[6]	Tr.	179	56	[5] One of three threads rejected; R. A.=$21^{s}.24$.
21518	7	46.79	4	22	0	25.84	41	57	16.4	Mer.	75	6	[6] Decl. changed two rev. south.
	9	46.69	5			26.04			15.4	Mer.	57	33	
21519	10	47.71	3	22	0	25.89	27	9	52.4	Mer.	107	57	
	10	46.71	2			26.02			....	Tr.	70	97	
21520	9	46.70	7	22	0	26.09	27	55	38.4	Mer.	60	72	
	11	46.73	1			26.14			41.6	Tr.	81	29	
21521	9.10	46.71	6	22	0	29.49	27	24	27.7	Mer.	62	42	
	10	47.54	2			29.55			22.7	Mer.	195	154	
	9	46.75	3			29.59			28.7	Mu.	66	11	
21522	11	48.79	1	22	0	35.00	15	22	....	Tr.	205	33	
21523	10	47.71	2	22	0	44.89	29	58	4.8	Mer.	203	59	
21524	7	48.59	3	22	0	45.22	19	15	....	Tr.	181	42	
	5	48.67	3			45.23			8.2	Mu.	201	93	
21525	9	48.67	2	22	0	52.08	19	13	0.3	Mu.	201	94	
21526	6.7	47.76	3	22	1	4.77	24	23	29.6	Tr.	137	3	
	6	46.68	2			4.79			....	Tr.	64	8	
	8	48.67	4			5.08			32.2	Mu.	203	58	
	7	47.82	2			5.25[7]			32.3[8]	Mer.	113	16	[7] One of three threads rejected; R. A.=$4^{s}.34$.
21527	..	48.66	1	22	1	5.64	19	43	23.5	Mu.	197	29	[8] Decl. changed one rev. north.
21528	5	46.72	2	22	1	9.14	34	44	....	Tr.	73	50	
	3.4	46.70	2			9.27[9]			58.2	Mu.	53	41	[9] R. A. decreased 1 min.
21529	..	47.61	6	22	1	13.59[10]	30	52	13.3	Mer.	198	48	[10] One of seven threads rejected; R. A.=$14^{s}.37$.
	9	46.73	2			13.88			14.0	Tr.	77	32	
	8	47.79	2			14.06			12.6	Mu.	139	1	
21530	4	46.69	2	22	1	20.55	33	16	....	Tr.	66	47	
21531	10	46.72	2	22	1	24.23	36	42	36.3	Tr.	74	27	
21532	6	47.71	4	22	1	26.10	29	1	35.4	Mer.	204	95	
	7	46.70	3			26.31			33.3	Mer.	58	44	
	8	46.56	7			26.32			38.5	Mer.	46	37	
	7	46.73	3			26.37			36.1	Mu.	63	25	
	6.7	47.82	3			26.38			37.8	Mer.	209	6	
	6.7	47.71	4			26.43			37.1	Mu.	132	129	
	7	47.80	3			26.48			36.6	Mer.	208	16	
21533	10	48.79	1	22	1	26.42	25	57	17.6	Mu.	209	55	
21534	7.8	47.82	1	22	1	29.11	23	45	57.0	Mu.	144	23	
	9	46.62	1			29.50			53.7	Mu.	46	38	
21535	8	47.80	1	22	1	37.02	28	24	11.6	Mer.	208	17	
	8	47.70	2			37.17			11.4	Mer.	202	54	
	9	46.59	2			37.18			9.6	Tr.	50	6	
	9.10	46.73	3			37.22			12.3	Tr.	81	30	
	9	46.73	1			37.30			12.1	Mu.	63	26	
	8	46.70	4			37.31			15.3	Mer.	60	73	
	9	46.77	6			37.42			11.9	Mer.	72	31	
21536	8	46.71	4	22	1	38.34	38	28	48.9	Mu.	57	29	
	8	46.71	2			38.34			48.8	Tr.	71	39	
21537	9	46.71	4	22	1	42.34	40	59	11.3	Mer.	64	3	
21538	10	46.61	1	22	1	42.56	25	47	....	Tr.	54	40	
21539	11	48.80	3	22	1	52.93	18	43	38.4	Tr.	208	8	
21540	7	48.67	3	22	1	54.66	22	51	51.5	Mer.	148	146	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
21541	9	48.69	3	22	2	0. . . [1]	21	43	30.8	Mu.	204	17	[1] Separate threads give $0^{s}.63$, $1^{s}.19$, $0^{s}.05$.
	10	48.60	2			0.62			. . . . [2]	Tr.	182	88	[2] Decl. changed one rev. north.
21542	8	46.79	5	22	2	1.01	40	16	43.1	Mu.	72	10	
	8	46.80	2			1.27			42.6	Mu.	74	15	
	5	46.80	6			1.29			42.9	Mer.	78	13	
21543	7.8	46.71	5	22	2	1.32	41	0	51.4	Mer.	64	4	
21544	12	48.79	1	22	2	5.02	15	44	. . . . [3]	Tr.	205	34	[3] Decl. changed four wire intervals south.
21545	9	47.79	1	22	2	5.69	30	39	55.5	Mu.	139	2	
21546	7	46.68	2	22	2	7.92	24	17	. . . .	Tr.	64	9	
	9.10	48.67	1			7.99			10.8	Mu.	203	59	
	9.10	47.76	1			8.04			12.2	Tr.	137	4	
21547	9	47.72	2	22	2	9.30	26	17	23.9	Mer.	205	63	
	10.11	46.72	4			9.81			22.4	Mer.	66	80	
21548	9	48.78	1	22	2	10.63	16	30	55.4	Mu.	208	65	
	7	51.76	5			11.09			52.5	Mer.	244	28	
21549	9	48.78	1	22	2	12.73	16	40	20.0	Mu.	208	64	
	7	51.76	5			12.93 [4]			18.2	Mer.	244	29	[4] Separate threads give $12^{s}.57$, $13^{s}.33$, $13^{s}.15$, $12^{s}.58$, $13^{s}.03$.
21550	4	46.80	7	22	2	13.07	44	34	43.6 [5]	Mer.	77	23	
21551	9	46.68	2	22	2	15.74	24	45	. . . .	Tr.	64	10	[5] Decl. changed one wire interval north.
	9	46.73	5			16.04			35.3	Mer.	69	100	
21552	7.8	46.73	7	22	2	29.02	25	26	51.8	Mer.	68	104	
	8	47.59	5			29.03			54.7	Mer.	196	96	
	9	47.68	2			29.11			51.6 [6]	Tr.	129	46	[6] Decl. changed two rev. south.
	8	47.76	5			29.28			54.6	Mer.	109	29	
21553	8	46.71	3	22	2	30.90	38	46	58.8	Mu.	57	30	
21554	8	52.74	5	22	2	30.92	20	53	47.1 [7]	Mer.	251	15	[7] Decl. changed one rev. north.
21555	11	46.72	2	22	2	33.96	36	46	36.9	Tr.	74	28	
21556	7.8	48.69	1	22	2	42.49	21	57	58.1	Mu.	204	18	
	8	48.60	1			42.76 [8]			. . . .	Tr.	182	89	[8] R. A. decreased 1 min.
21557	8	46.71	2	22	2	44.35	26	6	18.7	Mu.	56	76	
	8.9	46.72	2			44.37			19.4	Mer.	66	81	
	9	46.61	4			44.50			20.1	Mer.	50	27	
	8	47.72	1			44.51			23.7	Mer.	205	64	
21558	8.9	47.84	2	22	2	49.85	23	12	0.8	Mu.	146	18	
	8	48.67	3			50.21			1.9	Mer.	148	147	
21559	7	46.70	2	22	2	50.92	35	12	2.0	Mu.	53	42	
21560	6.7	46.70	5	22	2	56.44 [9]	27	53	11.5	Mer.	60	74	[9] One of six threads rejected; R. A.=$59^{s}.88$.
	7	46.73	3			56.59			11.3 [10]	Tr.	81	31	[10] Decl. changed one rev. south.
	6	47.70	2			56.65			14.3	Mer.	202	55	
	4	46.59	3			56.66			11.3	Tr.	50	7	
	8	46.62	5			56.75			13.3	Mer.	54	1	
	7	47.54	2			56.83 [11]			16.7	Mer.	195	155	[11] Two of four threads rejected; R. A.=$57^{s}.72$, $56^{s}.05$.
	7	46.75	1			56.91			13.1	Mu.	66	12	
21561	9	46.61	2	22	2	57.90	25	39	. . . .	Tr.	54	41	
	10	48.79	1			58.12			54.9	Mu.	209	56	
21562	9	48.55	4	22	3	1.96	22	56	. . . .	Tr.	179	57	
	7	48.67	2			2.04			45.2	Mer.	148	148	
	8	47.84	2			2.07			42.3	Mu.	146	19	
21563	7	46.79	3	22	3	5.94	39	2	27.5	Tr.	94	19	
	7.8	46.71	1			6.03			24.8	Mu.	57	31	
21564	9	47.79	1	22	3	14.29	30	15	54.9	Mu.	139	3	
	9.10	47.71	4			14.48			52.9	Mer.	203	60	
	8	47.70	1			14.58			52.2	Mu.	131	97	
21565	11	46.56	1	22	3	17.76	32	7	20.7	Tr.	48	14	
21566	10	46.71	3	22	3	22.51 [12]	27	9	44.2	Mer.	62	43	[12] R. A. decreased 20 sec.
21567	10	46.72	1	22	3	24.86	36	54	20.4	Tr.	74	29	
21568	8	46.69	2	22	3	27.72	33	16	. . . . [13]	Tr.	66	48	[13] Decl. changed one wire interval south.
21569	7	46.71	3	22	3	27.99 [14]	40	56	16.6	Mer.	64	5	[14] R. A. decreased 1 min.
21570	10	46.69	2	22	3	33.25	33	8	. . . .	Tr.	66	49	
21571	7.8	46.77	5	22	3	37.45	32	47	59.8	Mu.	68	1	
	9	46.69	5			37.46			59.7	Mu.	52	24	
21572	10	46.61	1	22	3	47.42 [15]	25	57	. . . .	Tr.	54	42	[15] R. A. decreased one thread interval.
21573	8	46.73	1	22	4	7.18	27	49	19.8	Tr.	81	32	
	8	47.54	3			7.20			21.4	Mer.	195	156	
	8	46.70	4			7.23			21.7	Mer.	60	75	
	8.9	46.71	2			7.28			20.1	Mer.	62	44	
	8	46.62	5			7.32.			18.9	Mer.	54	2	
	7	46.75	2			7.62			20.9	Mu.	66	13	
21574	8	51.76	5	22	4	27.56	16	2	39.7	Mer.	244	30	
21575	9	48.69	2	22	4	29.01	21	37	32.4	Mu.	204	19	
	7	52.74	5			29.65			33.0 [16]	Mer.	251	16	[16] Decl. changed one wire interval south.
21576	7	46.71	2	22	4	29.52	27	3	. . . .	Tr.	70	98	
	5.6	46.77	3			29.57			56.7	Mer.	71	34	
	6	47.71	4			29.72			57.7 [17]	Tr.	133	45	[17] Decl. changed one wire interval north.
	8	47.71	3			29.88			55.8	Mer.	107	58	
	6	46.75	1			30.88			54.3	Mu.	66	14	
21577	9	46.71	2	22	4	29.62	38	13	19.2	Tr.	71	40	
21578	9	46.73	3	22	4	31.45	30	16	36.5	Mu.	61	62	
	9	47.71	2			31.82			35.0	Mer.	203	61	
	8	47.70	1			31.90			34.2	Mu.	131	98	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
21579	10	48.55	2	22	4	35...[1]	22	13	....	Tr.	179	58	[1] Separate threads give 35^s.69, 36^s.67. AW and Ya give 35^s.7.
21580	7	46.75	..	22	4	36...	27	14	3.5	Mu.	66	15	
	9	47.54	1			36.03[2]			5.2	Mer.	195	157	[2] R. A. decreased 10 sec.
	8.9	46.71	2			36.06			4.5	Mer.	62	45	
	8	46.77	2			36.25			4.4	Mer.	71	35	
21581	9	46.73	2	22	4	37...[3]	29	1	34.6	Mu.	63	27	[3] Separate threads give 36^s.59, 37^s.74.
	9	47.71	1			37.27			36.4	Mu.	132	130	
	9	47.80	3			37.43			39.9	Mer.	208	18	
	9	46.56	6			37.55			37.7	Mer.	46	38	
	9	47.82	1			37.75			37.8	Mer.	209	7	
21582	10	48.60	2	22	4	50.59[4]	22	8	....	Tr.	182	90	[4] One thread increased one thread interval.
	9	48.69	1			50.97			40.9	Mu.	204	20	
21583	9	46.59	2	22	5	8.19	28	11	48.5[5]	Tr.	50	8	[5] Decl. changed two wire intervals north.
	8	47.70	7			9.00			49.2	Mer.	202	56	
	9	46.70	6			9.01[6]			50.6	Mer.	60	76	[6] Minute assumed.
	9.10	46.77	2			9.10			49.2	Mer.	72	32	
	10	46.73	1			9.14			49.2	Tr.	81	33	
	9	46.62	4			9.21			51.0	Mer.	54	3	
21584	10	48.78	1	22	5	10.89	16	41	44.0	Mu.	208	66	
21585	9	46.69	2	22	5	15...[7]	32	14	31.4	Mu.	52	25	[7] Separate threads give 14^s.67, 15^s.84.
	9	46.77	2			15...[8]			31.8	Mu.	68	2	[8] Separate threads give 15^s.31, 24^s.19.
	9	46.56	1			15.16			32.4	Tr.	48	15	
21586	10	47.71	2	22	5	15.90[9]	29	24	27.2	Mer.	204	96	[9] One of three threads rejected; R. A.=16^s.79.
	11	46.73	1			16.01			....	Tr.	79	21	
	9	46.73	2			16.06			....	Tr.	76	23	
21587	7.8	46.72	5	22	5	18.10	25	55	14.6	Mer.	66	82	
	4.5	47.72	7			18.11			17.5	Mer.	205	65	
	5	46.61	3			18.16			....	Tr.	54	43	
	4.5	46.71	2			18.17			16.3	Mu.	56	77	
	6	47.68	3			18.34			16.9	Tr.	129	47	
	6	48.79	2			18.49			16.9	Mu.	209	57	
	6	47.59	4			18.57[10]			15.6	Mer.	196	97	[10] R. A. increased 1 min. One of five threads rejected; R. A.=17^s.71.
21588	6	46.80	6	22	5	20.09	40	29	12.4	Mer	78	14	
21589	6.7	46.69	5	22	5	27.42	42	5	21.2	Mer.	57	34	
	4	46.79	3			27.73			21.5	Mer.	75	7	
21590	9	46.56	4	22	5	28.88[11]	31	13	0.0	Mu.	38	9	[11] One of five threads rejected; R. A.=27^s.39.
21591	9	47.76	3	22	5	31.15	24	24	55.7	Tr.	137	5	
	10	47.82	3			31.42			60.3	Mer.	113	17	
	8	46.68	2			31.43			....	Tr.	64	11	
21592	8	47.84	2	22	5	33.41	23	0	5.0	Mu.	146	20	
	6	48.67	4			33.49			9.3	Mer.	148	149	
21593	7.8	47.72	3	22	5	37.20	25	21	54.0	Mu.	134	75	
	8	48.79	2			37.25			53.8	Mu.	209	58	
	8	46.73	7			37.31			54.7	Mer.	68	105	
	8	47.59	1			37.40			57.1[12]	Mer.	196	98	[12] Decl. changed one wire interval north.
21594	9	46.73	5	22	5	40.79	24	39	48.7	Mer.	69	101	
	9	46.68	2			41.01			....	Tr.	64	12	
21595	9	47.79	1	22	5	45.46	30	48	18.6	Mu.	139	4	
	10	46.73	4			45.58			20.5	Tr.	77	33	
21596	4.5	46.73	1	22	5	47.80	28	30	29.8	Tr.	81	34	
	5.6	47.80	4			47.81			31.3	Mer.	208	19	
	4.5	46.77	5			48.08[13]			28.7	Mer.	72	33	[13] One of six threads rejected; R. A.=47^s.31.
	5	46.59	2			48.10			25.2	Tr.	50	9	
	5.6	46.73	3			48.14			29.2	Mu.	63	28	
	5	47.82	1			48.36			31.9	Mer.	209	8	
21597	8	48.69	1	22	5	48.26[14]	22	9	3.9[15]	Mu.	204	21	[14] R. A. increased one thread interval.
	9	48.60	1			48.64			....	Tr.	182	91	[15] Decl. changed one rev. south.
21598	8	47.71	3	22	5	51.39	29	50	41.2[16]	Mer.	203	62	[16] Decl. changed one rev. north.
21599	10	46.69	2	22	5	54.51	33	2	....	Tr.	66	50	
21600	8	46.72	4	22	5	58.26	37	17	32.1	Mu.	60	52	
	8.9	46.77	4			58.46			31.0	Mu.	69	1	
21601	8	47.71	2	22	5	59.87	30	8	26.4	Mer.	203	63	
	9	46.73	2			60...[17]			26.4	Mu.	61	63	[17] Separate threads give 60^s.64, 59^s.80.
	8	47.70	2			60.28			24.6	Mu.	131	99	
21602	7.8	48.69	3	22	6	0.13	21	49	3.5	Mu.	204	22	
21603	9	48.78	1	22	6	0.36	16	55	30.5	Mu.	208	67	
	9.10	48.79	3			0.43			....[18]	Mer.	153	48	[18] Decl. changed ten rev. south.
21604	10	46.72	1	22	6	1.74	36	55	50.2	Tr.	74	30	
21605	8.9	47.71	1	22	6	8.11	29	36	51.2	Mu.	132	131	
	9	47.71	2			8.30[19]			52.1[20]	Mer.	204	97	[19] R. A. decreased one thread interval.
	9	46.73	2			8.40			....	Tr	79	22	[20] Decl. changed one rev. north.
	10	46.73	2			8.64			....	Tr.	76	24	
21606	9.10	48.69	..	22	6	12...	21	41	3.5	Mu.	204	23	
	7	52.74	5			12.04			4.4[21]	Mer	251	17	[21] Decl. changed one wire interval and five rev. south.
21607	6.7	47.72	2	22	6	23.12	24	44	46.3	Mu.	134	76	
	9	47.82	2			23.19			49.6	Mer.	113	18	
	6	47.76	2			23.24			47.3[22]	Tr.	137	6	[22] Decl. changed one rev. south.
	6	46.68	2			23.31			....	Tr.	64	13	
	9	46.73	5			23.35			42.4	Mer.	69	102	
	7	46.73	6			23.38			46.8	Mer.	70	34	
	7	46.61	2			23.51			46.3	Mu.	43	13	
	8	48.67	3			23.74			47.5	Mu.	203	60	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
21608	7	48.78	2	22	6	30.03	16	32	44.8	Mu.	208	68	
	8.9	48.79	3			30.42			....	Mer.	153	49	
	5	51.76	5			30.62			44.7	Mer.	244	32	
21609	10	48.78	3	22	6	30.64	15	50	25.1	Tr.	204	11	
	8	48.79	5			30.87			....	Tr.	205	35	
21610	9	47.72	2	22	6	31. . .[1]	26	21	28.6	Mer.	205	66	[1] Separate threads give $31^s.46$, $30^s.10$. Gou gives $31^s.3$.
21611	5.6	46.69	5	22	6	33.46	42	5	26.9	Mer.	57	35	
	2	46.79	6			33.64			30.3	Mer.	75	8	
21612	6	51.76	5	22	6	37.03	16	26	29.7	Mer.	244	31	
21613	8	47.72	3	22	6	41.44	26	23	24.2	Mer.	205	67	
	7	46.71	1			41.81			25.5	Mu.	56	78	
	8	46.61	4			41.90			21.7	Mer.	50	28	
21614	9.8	46.77	5	22	6	44.44	26	42	38.1	Mer.	71	36	
	9	46.61	3			44.53			37.1[2]	Mer.	50	29	[2] Decl. changed one wire interval south.
	7	46.71	3			44.55[3]			....	Tr.	70	99	[3] One thread decreased one thread interval.
	8	47.71	3			44.69			38.5	Tr.	133	46	
21615	9	48.60	1	22	6	49.85	20	38	13.2	Mu.	188	91	
21616	7	46.80	7	22	6	50.36	43	26	24.6	Mer.	76	10	
21617	9	48.79	2	22	6	54.05	25	43	61.0	Mu.	209	59	
	9	46.61	3			54.18			....	Tr.	54	44	
	10	46.72	3			54.21			56.0	Mer.	66	83	
	8	47.59	1			54.30			51.7	Mer.	196	99	
	10	47.68	3			54.40			51.3	Tr.	129	48	
	8	46.73	4			56.12			52.6	Mer.	68	106	
21618	7	52.74	4	22	6	55.92[4]	21	11	2.0	Mer.	251	18	[4] One of five threads rejected; R. A.=$55^s.31$.
21619	9.10	46.72	2	22	7	10.07	25	59	30.1	Mer.	66	84	
21620	9.10	46.73	2	22	7	15.37	25	19	38.8	Mer.	70	35	
21621	8.9	46.77	3	22	7	17.89	32	36	18.5	Mu.	68	3	
21622	10	48.60	1	22	7	19.63	20	22	58.8	Mu.	188	92	
21623	9	47.82	3	22	7	20.54	28	42	35.9	Mer.	209	9	
	10	47.80	1			20.92			38.6	Mer.	208	20	
21624	9.10	48.69	1	22	7	22.91[5]	22	1	11.1	Mu.	204	24	[5] R. A. increased 20 sec.
	10	48.60	1			23.00			....[6]	Tr.	182	92	[6] Decl. changed one rev. north.
21625	6.7	46.69	4	22	7	23.70[7]	42	22	13.7	Mer.	57	36	[7] One of five threads rejected; R. A.=$24^s.51$.
21626	6	46.80	2	22	7	24.25	44	28	50.0	Mer.	77	24	
21627	9	47.82	1	22	7	31.13	23	27	11.4	Tr.	143	1	
	8	47.84	3			31.67			11.4	Mu.	146	21	
	8	47.82	2			31.88			10.5	Mu.	144	24	
21628	8.9	46.71	5	22	7	36.22	41	0	22.5	Mer.	64	6	
21629	10	46.72	2	22	7	37.03	26	7	13.4	Mer.	66	85	
21630	10	46.56	1	22	7	37.24	32	8	8.9	Tr.	48	16	
21631	10	46.69	2	22	7	41.29	33	14	....	Tr.	66	51	
21632	9	47.71	3	22	7	44.50	27	0	11.8	Mer.	107	59	
	8	46.71	2			45.12			....	Tr.	70	100	
21633	6.7	47.82	3	22	7	46.54	23	45	15.5	Mu.	144	25	
21634	9	46.73	2	22	7	54.74	30	19	32.9	Tr.	77	34	
	8	47.70	1			54.74[8]			29.6	Mu.	131	100	[8] R. A. increased one thread interval.
	9	47.71	3			54.89			30.1	Mer.	203	64	
	8.9	47.79	3			55. . .[9]			39.7	Mu.	139	5	[9] Separate threads give $55^s.08$, $54^s.33$, $55^s.97$.
21635	10	47.71	1	22	7	59.33	30	5	8.5	Mer.	203	65	
	9	46.73	3			62. . .[10]			7.4	Mu.	61	64	[10] Separate threads give $59^s.49$, $62^s.73$, $63^s.64$. GZ gives $60^s.1$. The last two threads were observed between the first and last threads of Mu. 61, No. 65, all of whose threads are accordant and agree with Gou.
21636	5	51.74	5	22	8	6.54	17	57	0.4	Mu.	280	1	
21637	9	48.60	2	22	8	7.60	20	24	14.4	Mu.	188	93	
21638	6	47.71	3	22	8	10.93[11]	26	38	39.8	Tr.	133	47	
	5	47.72	1			11.03			36.4	Mer.	205	68	
	5	46.77	5			11.14			33.9	Mer.	71	37	[11] R. A. decreased one thread interval.
	4	46.71	3			11.37			36.0	Mu.	56	79	
	7.8	46.61	5			11.40			34.2	Mer.	50	30	
21639	8	46.56	4	22	8	11.43	31	14	2.7	Mu.	38	10	
21640	9	47.54	1	22	8	19.62	27	12	45.3	Mer.	195	158	
	9.10	46.71	6			20.08			35.5[12]	Mer.	62	46	[12] If micrometer reading be assumed as 43.345 instead of 43.545 rev., as recorded, Decl.=42″.4. GZ gives 42″.
21641	9	46.70	1	22	8	20.68	34	57	35.0	Mu.	53	43	
21642	8	47.70	1	22	8	21.96	30	3	54.3	Mu.	131	101	
	9	46.73	4			22.40			55.9	Mu.	61	65	
	9	47.71	1			22.55			59.8	Mer.	203	66	
21643	9	47.71	5	22	8	28.87	29	31	52.1	Mer.	204	98	
21644	9	46.73	2	22	8	32.27	30	53	37.4	Tr.	77	35	
21645	10	46.72	2	22	8	32.32	36	41	43.4[13]	Tr.	74	31	[13] Decl. changed two rev. north.
21646	8	46.72	2	22	8	33.86	34	32	....	Tr.	73	51	
21647	..	48.79	2	22	8	34.25[14]	25	15	39.6[15]	Mu.	209	60	[14] One thread decreased 10 sec.
	9	46.73	3			34.81			47.0	Mer.	69	103	[15] Micrometer rev. assumed.
	10	47.76	2			34.95[16]			49.4	Mer.	109	30	[16] R. A. decreased 1 min.
21648	5.6	47.82	2	22	8	38.72	23	53	1.0	Mu.	144	26	
21649	11	48.78	2	22	8	39.43	15	42	36.4	Tr.	204	12	
	9	48.79	3			39.67[17]			....	Tr.	205	36	[17] One of four threads rejected; R. A.=$38^s.64$.
21650	9	48.78	2	22	8	42. . .[18]	17	7	46.9	Mu.	208	69	[18] Separate threads give $42^s.73$, $41^s.35$. AG gives $42^s.0$.
	9	48.79	3			42.08[19]			....	Mer	153	50	
21651	7.8	46.73	4	22	8	48.26	28	7	58.5	Tr.	81	35	[19] One of four threads rejected; R. A.=$41^s.35$.
	7	46.59	3			48.28			59.7	Tr.	50	10	
	8	46.62	5			48.36			59.8	Mer.	54	4	
	6	47.70	6			48.43			55.9	Mer.	202	57	
	6	46.77	6			48.46			57.5	Mer.	72	34	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
21652	9	47.72	1	22	8	57.73[1]	26	28	21.7	Mer.	205	69	[1] R. A. decreased one thread interval.
21653	7.8	46.77	4	22	8	59.94	32	30	48.3	Mu.	68	4	
21654	10	47.82	1	22	9	8.27[2]	24	27	25.5	Mer.	113	19	[2] R. A. increased 1 min.
	9	47.76	4			8.81			29.5	Tr.	137	7	
	9	46.68	2			8.84			....	Tr.	64	14	
21655	7.8	47.82	1	22	9	11.39	23	51	38.1	Mu.	144	27	
21656	10	46.72	1	22	9	13.67	36	57	46.8[3]	Tr.	74	32	[3] Decl. changed two rev. north.
21657	8	46.69	2	22	9	13.71	33	13	....	Tr.	66	52	
21658	9	48.78	2	22	9	14.36	16	47	4.2	Mu.	208	70	
	8	51.76	5			14.45			3.3	Mer.	244	33	
	9.10	48.79	1			14.56			....	Mer.	153	51	
21659	8	48.78	2	22	9	19.43	16	43	32.3	Mu.	208	71	
	6	51.76	5			19.59			35.5	Mer.	244	34	
21660	8	52.74	5	22	9	20.27	21	12	57.7	Mer.	251	19	
21661	9	46.56	2	22	9	20.30	31	53	43.9	Tr.	48	17	
21662	9	48.72	4	22	9	21.29	18	54	33.8	Mu.	205	73	
	10	48.80	3			21.40[4]			35.5	Tr.	208	9	[4] One of four threads rejected; R A.=$20^{s}.34$.
21663	9	46.72	1	22	9	25.06	37	0	30.7	Tr.	74	33	
21664	8	47.79	2	22	9	27.44	30	21	5.4	Mu.	139	6	
21665	7	46.77	4	22	9	28.40	37	20	32.4	Mu.	69	2	
21666	6	46.80	2	22	9	46.22	40	17	60.5	Mer.	78	15	
	7.8	46.80	3			46.26			56.3	Mu.	74	16	
21667	7	47.84	6	22	9	52.79	23	2	43.6	Mu.	146	22	
	6	47.82	3			52.91			45.0	Tr.	143	2	
21668	8	46.72	2	22	9	53.80	34	5	20.7	Mu.	59	27	
21669	5	46.80	2	22	9	55.88[5]	40	40	28.2	Mer.	78	16	[5] R. A. increased 1 min.
21670	8	47.70	3	22	9	56.19	28	2	26.4[6]	Mer.	202	58	[6] Decl. changed ten rev. north.
	11	46.73	1			56.35			30.3	Tr.	81	36	
	9	46.77	3			56.40			29.3	Mer.	72	35	
	9	46.62	3			56.76			30.9	Mer.	54	5	
21671	9	48.55	4	22	9	57.66[7]	22	10	....	Tr.	179	59	[7] R. A. decreased 1 min.
21672	9	46.71	2	22	9	58. . .[8]	39	10	56.4	Mu.	57	32	[8] Separate threads give $57^{s}.11$, $58^{s}.33$.
	9	46.79	3			58.72			54.3	Tr.	94	20	
21673	9	46.72	2	22	10	2.72	34	23	....	Tr.	73	52	
21674	9	46.56	3	22	10	3.14[9]	31	25	8.0	Mu.	38	12	[9] R. A. decreased 1 min.
21675	8.9	46.56	5	22	10	5.02	28	51	55.5	Mer.	46	39	
	9	47.82	4			5.08			52.5	Mer.	209	10	
	8	46.73	3			5.25			54.1	Mu.	63	29	
	9	47.80	3			5.45			56.3	Mer.	208	21	
21676	9	46.56	3	22	10	6.20[10]	31	21	6.2	Mu.	38	11	[10] R. A. decreased 1 min.
21677	5	46.68	2	22	10	8.28	24	4	....	Tr.	64	15	
	7	47.82	2			8.37			39.1[11]	Mu.	144	28	[11] Decl. changed one rev. south.
21678	9	48.69	2	22	10	10. . .[12]	21	44	58.2	Mu.	204	25	[12] Separate threads give $9^{s}.61$, $10^{s}.45$.
	9	48.60	2			10.11			....	Tr.	182	93	
21679	9	46.69	2	22	10	10.24	33	28	....	Tr.	66	53	
21680	9	47.71	3	22	10	13.02	30	3	1.6	Mer.	203	67	
21681	8	52.74	5	22	10	17.23	21	14	35.2	Mer.	251	20	
21682	8	48.69	2	22	10	18.64	21	29	10.6	Mu.	204	26	
21683	..	51.76	5	22	10	24.23	16	24	20.1	Mer.	244	35	
21684	11	48.78	1	22	10	24.65[13]	15	45	27.4[14]	Tr.	204	13	[13] R. A. decreased 1 min.
	10	48.79	5			24.81			....	Tr.	205	37	[14] If micrometer reading be assumed as 6.59 instead of 6.29 rev., as recorded, Decl.=42″.5. Bo VI and AG give 42″.
21685	7.8	46.71	5	22	10	24.75	41	2	1.4	Mer.	64	7	
21686	10	47.54	2	22	10	31.18	27	30	46.1	Mer.	195	159	
21687	9	48.60	2	22	10	34.32	20	58	46.4	Mu.	188	94	
21688	10	47.76	2	22	10	35.75	24	57	41.4	Mer.	109	31	
21689	9	47.82	2	22	10	39.89	23	32	41.6	Tr.	143	3	
	7	47.82	1			40.01			35.8	Mu.	144	29	
21690	8	46.56	4	22	10	50.62[15]	28	57	27.1	Mer.	46	40	[15] R. A. decreased 10 sec.
	7	46.73	3			50.70			28.3	Mu.	63	30	
	7	47.80	3			50.74			30.1	Mer.	208	22	
	7	47.82	5			50.77			28.7	Mer.	209	11	
	6	47.71	2			50.91			28.7	Mu.	132	132	
21691	9	47.82	1	22	11	4.35	28	55	17.2	Mer.	209	12	
21692	7.8	46.73	4	22	11	6.32	24	33	5.5	Mer.	70	36	
	9	47.82	3			6.60			4.4	Mer.	113	20	
	9	46.73	4			6.60			8.0	Mer.	69	104	
	8	46.68	2			6.85			....	Tr.	64	16	
	8.9	47.76	2			6.91			3.8	Tr.	137	8	
21693	9	46.73	3	22	11	8.29	24	36	41.5	Mer.	69	105	
21694	10	46.69	2	22	11	10.43	33	12	....	Tr.	66	54	
21695	8	46.79	3	22	11	13.45	39	30	52.4	Tr.	94	21	
21696	6	46.80	4	22	11	17.15	44	15	1.5[16]	Mer.	77	25	[16] Horizontal wire assumed.
21697	10	48.79	2	22	11	18.62	25	23	18.0	Mu.	209	61	
	12	47.68	4			18.62			21.4	Tr.	129	49	
21698	8	47.70	4	22	11	20.57	28	8	18.4	Mer.	202	59	
	7	46.59	3			20.67			19.0	Tr.	50	11	
	8	46.73	3			20.84			19.2	Tr.	81	37	
	8	46.77	4			21.01			19.6	Mer.	72	36	
	8	46.62	5			21.02			21.6	Mer.	54	6	
21699	7	46.72	2	22	11	23.52	34	26	....	Tr.	73	53	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
21700	9	46.73	3	22	11	30.12	24	50	....	Mer.	70	37	
	9	46.73	2			30.18			17.2	Mer.	69	106	
	8	47.72	2			30.33			20.2	Mu.	134	77	
	8	46.61	1			30.41[1]			20.7	Mu.	43	14	[1] R. A. decreased one thread interval.
21701	9	47.71	2	22	11	32.48	29	53	57.7	Mer.	203	68	
	8	47.70	1			32.51			53.2	Mu.	131	102	
21702	7	51.76	5	22	11	34.04	16	16	37.0	Mer.	244	36	
21703	11	46.76	2	22	11	42.65	26	59	....	Tr.	84	1	
	10	47.71	3			42.93			34.2	Mer.	107	60	
21704	6	47.82	2	22	11	43.15	22	46	2.2	Tr.	143	4	
	9	48.55	4			43.30			....	Tr.	179	60	
	8.9	47.84	3			43.54			4.5	Mu.	146	23	
21705	5	51.74	5	22	11	47.68	18	12	52.0	Mu.	280	2	
21706	9	47.71	1	22	11	47.75	30	28	21.9	Mer.	203	69	
	9.10	46.73	4			48 35			15.0	Tr.	77	36	
	7.8	47.79	3			48.35			15.6	Mu.	139	7	
	9	47.79	2			48.69			18.7	Mer.	206	1	
21707	9	47.79	1	22	11	54.20	31	0	13.1	Mu.	139	8	
21708	9	46.69	5	22	11	55.92	42	10	54.0	Mer.	57	37	
21709	7	46.70	4	22	12	3.35	35	15	59.8	Mu.	53	44	
21710	8	47.80	2	22	12	12.24[2]	28	58	59.6	Mer.	208	23	[2] R. A. decreased one thread interval.
	8.9	47.82	2			12.58			54.4	Mer.	209	13	
	9	46.73	1			12.70			53.6	Mu.	63	31	
	9	46.56	3			12.79[3]			53.6	Mer.	46	41	[3] One of four threads rejected; R. A. = $12^{s}.07$.
21711	8	46.61	2	22	12	24.43	25	52	....	Tr.	54	45	
	9	46.72	3			24.76			2.2	Mer.	66	86	
	8.9	48.79	1			24.86			0.1	Mu.	209	62	
21712	7.8	47.82	1	22	12	32.59	23	27	56.5	Mu.	144	30	
21713	9	46.72	1	22	12	51.02	36	41	21.6	Tr.	74	34	
	8.9	46.70	2			51.12			23.0	Mu.	55	28	
21714	10	46.72	2	22	12	51.40	25	52	60.6	Mer.	66	87	
	10	48.79	1			51.76			59.9	Mu.	209	63	
	12	47.68	1			52.53			53.1	Tr.	129	50	
21715	9	46 69	2	22	12	51.83	33	26	....	Tr.	66	55	
21716	11	48.79	2	22	12	56...[4]	15	40	....	Tr.	205	38	[4] Separate threads give $55^{s}.92$, $56^{s}.97$.
	12	48.78	1			56.19			19.4	Tr.	204	14	
21717	8	47.71	3	22	13	8.15	29	31	32.3	Mu.	132	133	
	9.10	46.70	6			8.23			32.5	Mer	58	45	
	8	46.73	2			8.35			....	Tr.	76	25	
	8	46.73	2			8.38			....	Tr.	79	23	
21718	10	48.79	2	22	13	12.27	15	43	....[5]	Tr.	205	39	[5] Decl. changed one rev. north.
	11	48.78	1			12.52			28.6	Tr.	204	15	
21719	7	46.70	2	22	13	16.23	35	16	28.0	Mu.	53	45	
21720	8	47.82	1	22	13	18.92	23	34	28.5	Mu.	144	31	
21721	5	46.80	5	22	13	19.17	40	33	55.6	Mer.	78	17	
21722	6	48.60	2	22	13	19.48[6]	22	20	....	Tr.	182	94	[6] One thread increased one thread interval.
	6	48.55	3			20.04			....	Tr.	179	61	
21723	7	46.70	2	22	13	23 30	35	14	37.3	Mu.	53	46	
21724	8	52.74	5	22	13	27.60	21	32	12.5	Mer.	251	21	
21725	7	47.72	1	22	13	31.84	26	7	10.4	Mer.	205	70	
	8	46.61	5			32.27			5.8	Mer.	50	31	
	7	46.71	4			32.28			7.7	Mu.	56	80	
	8	46.72	2			32.34			5.4	Mer.	66	88	
21726	9	47.79	1	22	13	32.60[7]	30	21	9.2	Mu.	139	9	[7] CPD gives $34^{s}.2$.
	10	47.71	1			34.36			12.3	Mer.	203	70	
21727	11	46.71	1	22	13	35.68	38	11	16.7	Tr.	71	41	
21728	10	46.56	1	22	13	36.93	31	52	55.6	Tr.	48	18	
21729	7	52.74	5	22	13	42.63	21	34	55.0	Mer.	251	22	
21730	9	46.79	2	22	13	54.17	39	30	32.9	Tr.	94	22	
21731	9	46.72	4	22	13	58.26	33	39	0.9	Mu.	59	28	
21732	6.7	46.80	5	22	14	2.29	44	9	37.0	Mer.	77	26	
21733	9	46.77	2	22	14	7.12	28	10	26.2	Mer.	72	37	
	9	46.62	2			7.15			25.2	Mer.	54	7	
	8	47.70	3			7.65			22.9	Mer.	202	60	
21734	9	48.60	3	22	14	8.55	20	55	32.3	Mu.	188	95	
21735	8.9	46.80	1	22	14	11.22[8]	39	39	35.3	Mu.	74	17	[8] Gou gives $13^{s}.2$.
	9	46.79	1			13.39			35.6	Tr.	94	23	
21736	8.9	46.73	4	22	14	11.47	30	22	11.0	Tr.	77	37	
	8.9	46.73	5			11.50			10.3	Mu.	61	66	
	7	47.79	1			11.58			9.5	Mu.	139	10	
	7	47.79	4			11.61			12.3[9]	Mer.	206	2	[9] Decl. changed one rev. north.
	7.8	47.70	2			11.81			12.1	Mu.	131	103	
	8	47.71	3			11.85			10.4	Mer.	203	71	
21737	..	51.76	5	22	14	16.69	16	12	....	Mer.	244	40	
	..	51.76	4			16.80[10]			23.9	Mer.	244	37	[10] One of five threads rejected; R. A. = $16^{s}.05$.
	..	51.76	5			16.89			....	Mer.	244	38	
21738	8	47.72	1	22	14	17.49	26	28	10.9[11]	Mer.	205	71	[11] Decl. changed ten rev. south.
21739	9	46.73	2	22	14	19.97	25	26	45.6	Mer.	68	107	
	9	46.61	2			20.07			....	Tr.	54	46	
	10	47.59	2			20.38			47.5	Mer.	196	100	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
21740	7.8	46.80	2	22	14	21.01	44	9	36.8	Mer.	77	27	
21741	9	47.70	1	22	14	24.76	28	20	17.3	Mer.	202	61	
21742	10	48.79	3	22	14	25.00	16	36	....	Mer.	153	52	
	9	48.78	3			25.10			16.3	Mu.	208	72	
21743	8.9	46.77	2	22	14	27.32	28	18	21.6	Mer.	72	38	
	10	46.73	3			27.44			23.7	Tr.	81	38	
	9	46.59	2			27.45			35.8	Tr.	50	12	
	8	47.70	1			28.56			26.0	Mer.	202	62	
21744	..	51.76	5	22	14	28.50	16	8	14.3	Mer.	244	41	
	..	51.76	5			28.62			....	Mer.	244	39	
21745	9	47.71	5	22	14	46.74	26	35	....	Mer.	107	61	
	7	47.72	1			46.74			41.6[1]	Mer.	205	72	[1] Decl. changed ten rev. south.
	8.9	46.77	6			46.81			37.2	Mer.	71	38	
	6	46.76	2			47.01			....	Tr.	84	2	
	8	46.61	5			47.17			38.9	Mer.	50	32	
	8	46.71	2			47.36			39.8	Mu.	56	81	
21746	9	47.71	1	22	15	1.93	30	26	60.8	Mer.	203	72	
	9	46.73	1			2.36			57.2	Tr.	77	38	
	9	47.79	2			2.45			58.0[2]	Mer.	206	3	[2] Decl. changed two wire intervals north.
	8	47.79	1			2.51			56.9	Mu.	139	11	
21747	8.9	46.56	6	22	15	3.83	28	38	32.1	Mer.	46	42	
	8	46.73	3			3.95			31.9	Mu.	63	32	
	8	46.77	2			4.02			34.2	Mer.	72	39	
	9	47.80	4			4.10			32.9	Mer.	208	24	
	6	46.59	1			4.12			36.1	Tr.	50	13	
	8	47.82	3			4.23[3]			32.6	Mer.	209	14	[3] One of four threads rejected; R. A.=3^{s}.32.
21748	4	46.61	3	22	15	8.54	25	31	....	Tr.	54	47	
	6	48.79	3			8.61			7.4[4]	Mu.	209	64	[4] Decl. changed one rev. south.
	6	47.59	3			8.63			5.9	Mer.	196	101	
	5	47.68	3			8.81			10.2	Tr.	129	51	
	5.6	46.72	3			8.81			4.0	Mer.	66	89	
	6	47.76	5			8.81			13.7	Mer.	109	32	
	6	46.76	3			8.86			4.7	Tr.	85	1	
	5	46.73	6			8.86			4.4	Mer.	68	108	
21749	8.9	46.70	4	22	15	12.35	36	28	28.2	Mu.	55	29	
21750	11	48.78	5	22	15	16.15	15	41	49.9	Tr.	204	16	
	9	48.79	4			16.65			....	Tr.	205	40	
21751	8	52.74	5	22	15	16.92	21	4	7.8	Mer.	251	23	
21752	10	48.60	1	22	15	20.10	20	27	15.3	Mu.	188	96	
21753	10	47.80	2	22	15	22.36	28	33	28.9	Mer.	208	25	
	8	47.82	2			22.45			29.0	Mer.	209	15	
	9	46.56	2			23.09[5]			27.9	Mer.	46	43	[5] One of three threads rejected; R. A.=22^{s}.26
21754	10	48.79	2	22	15	27.46	16	43	....	Mer.	153	53	
	9	48.78	3			27.66			20.9	Mu.	208	73	
21755	8	46.77	3	22	15	27.95	32	14	6.4	Mu.	68	5	
	8	46.56	2			27.97			7.6	Tr.	48	19	
21756	8	46.72	2	22	15	28.75	34	28	....	Tr.	73	54	
21757	..	51.76	5	22	15	32.38	16	20	24.9	Mer.	244	42	
21758	4	46.79	3	22	15	40.60[6]	42	11	48.0	Mer.	75	9	[6] R. A. increased 1 min.
	8	46.69	4			40.67			44.6	Mer.	57	38	
21759	8.9	46.77	4	22	15	42.01	27	7	46.2	Mer.	71	39	
	8	46.71	4			42.09			46.1	Mer.	62	47	
	6.7	46.75	2			42.16			47.5	Mu.	66	16	
	6	46.76	2			42.19			....	Tr.	84	3	
	9	47.71	3			42.21			40.4	Tr.	133	48	
21760	8	46.73	2	22	15	44.21	29	25	....	Tr.	76	26	
	7.8	47.71	4			44.31			49.1	Mu.	132	134	
	8	47.71	4			44.35			47.7	Mer.	204	99	
	9	46.70	5			44.35			48.1	Mer.	58	46	
	7	46.73	2			44.39			....	Tr.	79	24	
21761	9	46.69	4	22	15	44.39	42	11	40.8	Mer.	57	39	
21762	6.7	46.80	2	22	15	45.24	39	53	3.7	Mu.	74	18	
21763	8	51.74	5	22	15	50.00	18	0	46.1	Mu.	280	3	
21764	8	46.71	3	22	15	51.82	38	58	6.3	Mu.	57	33	
21765	6.7	46.79	2	22	15	54.41	42	8	35.3	Mer.	75	10	
	8	46.69	3			54.58			34.4	Mer.	57	40	
21766	8	47.84	1	22	16	0.68	22	21	16.0	Tr.	145	1	
	7	48.55	4			1.23			....	Tr.	179	62	
	9	48.60	1			1.36[7]			....	Tr.	182	95	[7] R. A. increased one thread interval.
21767	9	46.72	4	22	16	2.15	34	1	31.5	Mu.	59	29	
21768	8	47.84	3	22	16	5.29	23	0	52.8	Mu.	146	24	
	9	47.82	1			5.42			54.6	Tr.	143	5	
21769	7	47.76	3	22	16	15.73	24	7	27.6	Tr.	137	9	
	9	47.82	3			15.82			27.1	Mer.	113	21	
	5	46.68	2			15.82			....	Tr.	64	17	
	7	47.82	3			15.90			31.5	Mu.	144	32	
21770	7.8	46.71	3	22	16	19.07	38	35	9.3	Mu.	57	34	
21771	9	47.54	1	22	16	21.87	27	36	57.8	Mer.	195	160	
	6	46.75	2			21.97			59.5	Mu.	66	17	
	7.8	46.71	4			22.03			60.0	Mer.	62	48	
	7.8	46.62	5			22.05			60.9	Mer.	54	8	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
21772	5	51.74	4	22	16	25.29	18	21	2.0	Mu.	280	4	
21773	8	47.79	2	22	16	32.25	30	25	58.9	Mu.	139	12	
	9	46.73	3			32.52			59.0	Tr.	77	39	
	9	47.79	3			32.62			57.7	Mer.	206	4	
	9	47.71	4			32.64			55.1[1]	Mer.	203	73	[1] Decl. changed one rev. north.
21774	6	46.80	3	22	16	32.47	39	58	50.8	Mer.	78	18	
21775	9	47.82	1	22	16	33.63	28	54	35.5	Mer.	209	16	
21776	11	46.72	2	22	16	44.73	34	23	....	Tr.	73	55	
21777	9	46.61	5	22	17	6.74	26	6	37.9	Mer.	50	33	
	9.10	46.72	5			6.88			34.2	Mer.	66	90	
	7	47.72	2			6.89[2]			38.5	Mer.	205	73	[2] One of three threads rejected; R. A. = $6^{s}.02$.
	9	46.71	1			7.14			38.9	Mu.	56	82	
21778	9	46.72	2	22	17	11.44	34	7	46.1	Mu.	59	30	
21779	8	46.70	3	22	17	13.69	36	25	0.4	Mu.	55	30	
21780	9	46.61	2	22	17	19.67	25	29	....[3]	Tr.	54	48	[3] Decl. changed one rev. south.
	10	48.79	2			19.80			13.3	Mu.	209	65	
	9.10	46.73	3			20.08			9.4	Mer.	68	109	
21781	10	48.55	3	22	17	23.17	22	21	....[4]	Tr.	179	63	[4] Decl. changed one wire interval north.
	9	47.84	1			23.31			27.2	Tr.	145	2	
21782	7	51.76	5	22	17	26.41	16	21	29.9	Mer.	244	43	
21783	8	46.73	2	22	17	27.34	29	28	....	Tr.	79	25	
	8	47.71	3			27.35			44.3	Mu.	132	135	
	8	47.71	4			27.36			48.1	Mer.	204	100	
	9.10	46.70	4			27.45			44.4	Mer.	58	47	
	8	46.73	2			27.69			....	Tr.	76	27	
21784	6	52.74	5	22	17	35.59	20	59	47.7	Mer.	251	24	
	8	48.60	3			35.74			46.6	Mu.	188	97	
21785	6	51.76	5	22	17	39.81	16	6	55.9	Mer.	244	44	
21786	7	47.71	3	22	17	41.08	29	50	30.8	Mer.	203	74	
	7	46.73	2			41.16			....	Tr.	79	26	
	7	46.73	5			41.34			27.8	Mu.	61	67	
	7	47.70	3			41.57			29.6	Mu.	131	104	
21787	9.10	46.71	3	22	17	41.98	27	53	0.4	Mer.	62	49	
	8	47.70	1			42.66			5.0	Mer.	202	64	
21788	9	46.77	3	22	17	44.40	28	5	63.8	Mer.	72	41	
	9	46.59	2			44.56			62.6	Tr.	50	14	
	9	46.73	2			44.66			60.8	Tr.	81	39	
	8	47.70	5			45.09			58.9	Mer.	202	63	
21789	8	47.80	5	22	17	44.56	28	46	19.1	Mer.	208	26	
	7.8	46.73	4			44.57			19.1	Mu.	63	33	
	8	46.56	4			44.72			18.3	Mer.	46	44	
	7	47.82	3			44.77			18.1	Mer.	209	17	
	7	46.77	3			44.91			21.2	Mer.	72	40	
21790	8	47.82	2	22	17	46.53	23	41	2.1	Mu.	144	33	
21791	8.9	47.84	2	22	17	51.08	23	22	43.6	Mu.	146	25	
	8	47.82	1			51.58			46.1	Mu.	144	34	
21792	9	46.73	3	22	17	51.52[5]	25	12	2.4	Mer.	68	110	[5] R. A. decreased 1 min.
	10	47.76	4			51.56			7.2	Mer.	109	33	
	..	46.61	1			51.58			....	Mu.	43	15	
	8	47.72	2			51.83			2.3	Mu.	134	78	
	9	46.73	5			51.84			5.8	Mer.	69	107	
21793	4	46.68	2	22	17	52.38	24	26	....	Tr.	64	18	
	6	47.76	2			52.53			32.9	Tr.	137	10	
	8	47.82	4			52.96			33.1	Mer.	113	22	
21794	11	48.78	3	22	17	55.82	15	42	38.4	Tr.	204	17	
	10	48.79	5			55.93			....	Tr.	205	41	
21795	10	48.80	2	22	17	56.12	19	7	0.6	Tr.	208	10	
21796	7.8	47.71	2	22	17	58.54	29	6	42.1	Mer.	204	101	
	8	47.82	1			58.58			38.7	Mer.	209	18	
	8	47.71	1			58.86			36.6	Mu.	132	136	
	9	46.56	4			58.93			36.1	Mer.	46	45	
	7	46.73	2			59.03			....	Tr.	76	28	
21797	7	51.74	5	22	18	1.04	18	16	37.2	Mu.	280	5	
21798	8	46.69	2	22	18	1.81	32	52	....	Tr.	66	56	
21799	9	46.69	4	22	18	3.77	42	3	32.4	Mer.	57	41	
21800	8	46.70	2	22	18	17.39[6]	36	26	6.7	Mu.	55	31	[6] R. A. increased 10 sec.
21801	8.9	46.71	5	22	18	24.00	41	12	36.4	Mer.	64	8	
21802	10	46.72	1	22	18	31.96	37	11	40.7	Tr.	74	35	
21803	7	52.74	4	22	18	53.73	21	4	41.2	Mer.	251	25	
21804	9	46.73	1	22	18	55.98	28	47	39.2	Mu.	63	34	
	9	46.77	1			56.38			39.7	Mer.	72	42	
	8.9	47.80	3			56.42			39.5	Mer.	208	27	
	8	47.82	1			56.86			38.6	Mer.	209	19	
21805	4	51.74	5	22	18	56.84	18	1	17.2	Mu.	280	6	
21806	7	46.56	1	22	18	58.71	32	18	54.5	Tr.	48	21	
	7.8	46.77	5			58.78			53.9	Mu.	68	6	
	8	46.77	1			58.83			52.1	Tr.	87	2	
21807	9	46.77	3	22	18	58.76	32	7	57.2	Tr.	87	1	
	9	46.56	2			58.89			57.6	Tr.	48	20	
	8	46.77	1			59.34			58.3	Mu.	68	7	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
21808	8.9	47.79	1	22	18	59.09	30	59	39.1	Mu.	139	13	
	9	47.79	2			59.26			35.0	Mer.	206	5	
	10	46.73	2			59.31			35.1	Tr.	77	40	
21809	9.10	46.73	2	22	18	59.99[1]	24	38	18.0	Mer.	70	38	[1] R. A. decreased two thread intervals.
	9	46.68	2			60. . .[2]			. . . .	Tr.	64	19	[2] Separate threads give $61^{s}.97$, $60^{s}.50$.
	9	46.73	2			60.26			19.7	Mer.	69	108	
	8	47.72	1			60.61			18.8	Mu.	134	79	
21810	9	46.72	2	22	19	1.50	34	15	. . . .	Tr.	73	56	
21811	8	47.84	2	22	19	9.92	23	17	42.2	Mu.	146	26	
	9	47.82	1			10.03			44.3	Tr.	143	6	
21812	7.8	46.71	4	22	19	16.62	27	10	46.8	Mer.	62	50	
	8	47.54	6			16.64[3]			53.9	Mer.	195	161	[3] One of seven threads rejected; R. A. = $17^{s}.45$.
	7	47.71	3			16.77			50.6	Tr.	133	49	
	7.8	46.77	7			16.82			53.0	Mer.	71	40	
	9	47.71	5			16.89			51.5	Mer.	107	62	
	6	46.75	4			16.90			50.4	Mu.	66	18	
	5	46.76	2			17.19			. . . .	Tr.	84	4	
21813	9	46.69	2	22	19	22. . .[4]	33	1	. . . .	Tr.	66	57	[4] Separate threads give $22^{s}.02$, $23^{s}.17$. Gou gives $23^{s}.3$.
21814	6.7	46.80	3	22	19	24.93	39	51	5.7	Mu.	74	19	
21815	9	47.84	1	22	19	33.30	23	21	50.0	Mu.	146	27	
	7.8	47.82	1			33.55			54.5	Mu.	144	35	
21816	8	47.72	3	22	19	34.66[5]	26	9	22.3	Mer.	205	74	[5] R. A. increased 1 min.
	9	47.72	2			35.28			26.1[6]	Tr.	136	1	[6] Decl. changed one wire interval south.
21817	9	47.84	1	22	19	36.21	22	37	53.9	Tr.	145	3	
	9	48.55	4			36.35			. . . .	Tr.	179	64	
21818	8	47.71	2	22	19	38.80	29	0	30.6	Mer.	204	102	
	9	47.82	2			39.03			31.6	Mer.	209	20	
21819	9	46,62	5	22	19	47.27	27	58	14.1	Mer.	54	9	
	6	46.75	1			47.27			16.2	Mu.	66	19	
	9	46.73	3			47.38			12.9	Tr.	81	40	
	8	46.59	2			47.49			11.8	Tr.	50	15	
	8	47.70	4			48.19			9.3	Mer.	202	65	
21820	2	46.80	4	22	19	50.67	39	53	17.1	Mer.	78	19	
	3.4	46.80	3			50.92			19.6	Mu.	74	20	
21821	8	52.74	5	22	19	58.42	21	8	51.3[7]	Mer.	251	26	[7] If micrometer reading be assumed as 45.060 instead of 45.560 rev., as recorded, Decl. = 34″.2. AW gives 33″. CiZ gives 35″.
21822	7	46.72	2	22	20	6.22	34	31	. . . .	Tr.	73	57	
21823	9.10	47.72	1	22	20	8.47[8]	26	15	23.9	Tr.	136	2	
21824	10	47.71	1	22	20	14.96	29	30	9.7	Mer.	204	103	[8] R. A. decreased one thread interval.
	9	47.71	1			15.70			5.0	Mu.	132	137	
	11	46.73	2			17.87[9]			. . . .	Tr.	76	29	[9] CPD gives $16^{s}.1$.
21825	2	46.80	4	22	20	17.30	44	15	35.0	Mer.	77	28	
21826	8	46.77	4	22	20	23.91	37	44	4.4	Mu.	69	3	
21827	9	46.71	5	22	20	28.18	41	2	5.1	Mer.	64	9	
21828	8	51.76	5	22	20	32.62	16	25	43.8	Mer.	244	45	
21829	9	48.55	1	22	20	33.38	22	50	. . . .[10]	Tr.	179	65	[10] Decl. changed two wire intervals north.
	5	47.82	2			33.40			4.5	Tr.	143	7	
	7	47.84	2			33.51			6.5	Mu.	146	28	
	8	47.84	2			33.58			5.5	Tr.	145	4	
21830	9	48.78	. .	22	20	36. . .	16	56	53.3[11]	Mu.	208	74	[11] Decl. interchanged with that of Mu. 208, No. 75.
	10	48.79	1			36.92			. . . .	Mer.	153	54	
21831	10	47.71	1	22	20	38.45	30	20	31.7	Mer.	203	75	
21832	9	47.76	3	22	20	38.90	24	53	45.5	Mer.	109	34	
	7.8	46.73	5			38.92			43.2	Mer.	69	109	
	7.8	46.73	3			38.97			44.8	Mer.	70	39	
	7	47.72	3			39.26			46.7	Mu.	134	80	
	8	46.61	2			39.32			45.8	Mu.	43	16	
21833	10	46.72	2	22	20	39.96	37	7	3.4	Tr.	74	36	
21834	10	47.84	1	22	20	41.88	22	22	9.1	Tr.	145	5	
21835	8	47.79	4	22	20	44.23	30	44	56.1	Mer.	206	6	
	7	47.79	3			44.34			55.0	Mu.	139	14	
	7.8	46.73	7			44.41			54.8	Tr.	77	41	
21836	2	46.80	4	22	20	46.56	44	30	56.1	Mer.	77	29	
21837	10	48.79	3	22	20	47.88	16	54	. . . .	Mer.	153	55	
	9	48.78	1			48.79			59.6[12]	Mu.	208	75	[12] See note on No. 21830_1.
21838	7	46.70	2	22	20	56.29	34	36	58.4	Mu.	53	47	
	7	46.72	2			56.51			. . . .	Tr.	73	58	
21839	8	47.71	2	22	20	58. . .[13]	29	29	22.9	Mer.	204	104	[13] Separate threads give $58^{s}.22$, $56^{s}.67$.
	9	46.70	2			58.29			18.3	Mer.	58	49	
	8	47.71	1			58.32			19.6	Mu.	132	138	
	9	46.73	2			58.47			. . . .	Tr.	79	28	
21840	10	48.79	2	22	20	58.51	25	19	42.7	Mu.	209	66	
21841	7	47.71	2	22	20	59. . .[14]	29	25	26.4	Mer.	204	105	[14] Separate threads give $60^{s}.04$, $58^{s}.91$.
	7	46.70	6			59.98			26.6	Mer.	58	48	
	6	46.73	2			60.04			. . . .	Tr.	76	30	
	7	47.71	2			60.04			24.2	Mu.	132	139	
	6	46.73	2			60.13			. . . .	Tr.	79	27	
21842	9	47.54	3	22	20	59.90	27	55	20.6	Mer.	195	162	
	9	46.73	2			60.15			19.9	Tr.	81	41	
	9	46.62	5			60.63			19.1	Mer.	54	10	
	8	47.70	2			61.21[15]			22.7	Mer.	202	66	[15] One of three threads rejected; R. A. = $59^{s}.84$.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
21843	8	47.82	1	22	21	2.79	23	47	53.1	Mu.	144	36	
21844	8	47.70	2	22	21	4.44	29	50	40.7	Mu.	131	105	
	8.9	46.73	4			4.58			39.9	Mu.	61	68	
	8.9	47.71	2			4.85			42.4	Mer.	203	76	
21845	11	46.77	2	22	21	20.33	31	46	49.9	Tr.	87	3	
21846	6	46.80	7	22	21	20.54	43	3	25.4	Mer.	76	11	
21847	6.7	46.71	1	22	21	21.74	27	52	22.6	Mer.	62	52	
	7.8	46.62	4			21.81			19.9	Mer.	54	11	
	6	46.75	2			21.87			20.6	Mu.	66	20	
	4.5	46.73	2			21.93			22.4	Tr.	81	42	
	8	47.54	3			22.04			19.4	Mer.	195	163	
	5	47.70	5			22.42			19.9	Mer.	202	67	
21848	10	46.71	2	22	21	22.90	27	19	21.3	Mer.	62	51	
	8	46.76	2			23.34			....	Tr.	84	5	
	9	46.77	3			23.43			20.0	Mer.	71	41	
21849	10	46.72	1	22	21	26.44	36	50	30.7	Tr.	74	37	
21850	10	47.71	3	22	21	26.52	26	36	56.8	Mer.	107	63	
	9	47.72	3			26.56			56.8	Mer.	205	75	
21851	9	46.56	7	22	21	29.05	28	36	18.2	Mer.	46	46	
	9	46.77	4			29.42			16.7	Mer.	72	43	
	8	47.82	3			29.63			16.8[1]	Mer.	209	21	[1] Decl. changed five rev. north.
21852	7	46.73	2	22	21	35.50	24	37	10.2	Mer.	70	40	
	8.9	46.73	4			35.57			8.0	Mer.	69	110	
	8	47.76	7			35.77			4.5	Tr.	137	11	
	7	46.68	2			35.84			....[2]	Tr.	64	20	[2] Decl. changed one rev. south.
	9	47.82	4			35.93			8.2	Mer.	113	23	
	8	46.61	1			36.03			7.4	Mu.	43	17	
	7	47.72	1			36.08			9.7	Mu.	134	81	
21853	10	48.60	2	22	21	41.62	20	40	21.5	Mu.	188	98	
21854	9	47.72	3	22	21	43.71[3]	26	9	10.8	Tr.	136	3	[3] Two threads increased 10 sec. each.
21855	8.9	46.56	5	22	21	44.20	31	12	16.3	Mu.	38	13	
21856	10	46.61	2	22	21	55.13	25	28	....	Tr.	54	49	
	10	48.79	2			55.51			11.7	Mu.	209	67	
	8	47.59	3			55.60			13.7[4]	Mer.	196	102	[4] Decl. changed two wire intervals north.
21857	8	47.79	3	22	22	8.65	30	53	52.4	Mer.	206	7	
	8	47.79	2			8.80			49.7	Mu.	139	15	
	9	46.73	3			9.26			50.1	Tr.	77	42	
21858	8	48.78	1	22	22	14.36	15	20	59.6	Tr.	204	19	
	9	48.79	4			14.79			....	Tr.	205	42	
21859	9	46.56	1	22	22	18.81	32	18	19.1[5]	Tr.	48	22	[5] If micrometer reading be assumed as 9.42 instead of 9.12 rev., as recorded, Decl.= 34″.3. Gou gives 38″.
	8.9	46.77	5			18.95			36.3	Mu.	68	8	
21860	9	46.68	2	22	22	18.98	24	24	....	Tr.	64	21	
	10	47.82	2			19.24			22.5	Mer.	113	24	
21861	7	48.78	2	22	22	20.95	17	6	55.8	Mu.	208	76	
	9	48.79	2			20.97			....[6]	Mer.	153	56	[6] Decl. changed one rev. north.
21862	7	46.56	1	22	22	31.03	31	47	28.8	Tr.	48	23	
	8	46.77	3			31.10			31.3	Tr.	87	4	
21863	8.9	46.73	4	22	22	31.60	24	56	4.6	Mer.	69	111	
	7	47.72	2			31.73			4.4	Mu.	134	82	
	7.8	46.73	2			31.77			4.3	Mer.	70	41	
	7	46.61	2			31.79			5.1	Mu.	43	18	
	9	47.76	5			32.31			7.9	Mer.	109	35	
21864	9	46.69	5	22	22	32.02	42	11	59.5	Mer.	57	42	
21865	8	47.71	3	22	22	32.71	26	50	15.8	Mer.	107.	64	
	7	47.71	3			32.72			19.9[7]	Tr.	133	50	[7] Decl. changed one wire interval south.
	5	46.77	4			32.74			12.5	Mer.	71	42	
21866	9	47.71	3	22	22	41.20	30	3	28.2	Mer.	203	77	
	8.9	47.70	1			41.55			21.6	Mu.	131	106	
21867	9.10	46.71	2	22	22	44.73[8]	27	7	1.6	Mer.	62	53	[8] R. A. decreased two thread intervals.
	9	46.76	2			44.96			....	Tr.	84	6	
21868	10	48.79	2	22	22	55.29	15	19	....	Tr.	205	43	
21869	4	46.69	3	22	22	57.92	33	6	....[9]	Tr.	66	58	[9] Decl. changed three rev. north.
21870	7	47.82	3	22	22	58.48	23	45	47.0	Mu.	144	37	
21871	9	46.72	2	22	23	0.37	34	37	....	Tr.	73	59	
21872	9	47.72	3	22	23	0.98[10]	26	8	24.4	Tr.	136	4	[10] R. A. increased one thread interval.
21873	6	46.80	5	22	23	1.55	44	18	55.8	Mer.	77	30	
21874	7	46.70	4	22	23	7.02	36	3	30.2	Mu.	55	32	
21875	7.8	46.80	1	22	23	8.42	43	30	37.2	Mer.	76	12	
21876	5.6	46.80	2	22	23	15.48	44	1	59.6	Mer.	77	31	
21877	9	47.84	2	22	23	20.04	23	26	26.0	Mu.	146	29	
	9	47.82	1			20.35			25.3	Tr.	143	8	
	7.8	47.82	1			20.46			26.4	Mu.	144	38	
21878	9	46.61	1	22	23	26.89	25	27	....	Tr.	54	50	
	10	48.79	1			27.54			71.8	Mu.	209	68	[11] R. A. increased 1 min.
	9	47.59	1			28.02[11]			56.2[12]	Mer.	196	103	[12] Decl. changed two rev. south. If micrometer reading be assumed as 35.820 instead of 38.20 rev., as recorded, Decl.=69″.6. An equatorial comparison of Nos. 21856 and 21878 gives a difference in declination of 3″.
21879	10	47.84	1	22	23	30.39	22	39	23.1	Tr.	145	6	
	10	48.55	3			30.64[13]			....	Tr.	179	66	
21880	9	47.82	2	22	23	34.47	28	53	49.9	Mer.	209	22	
21881	9	46.77	2	22	23	35.28	31	56	10.7	Tr.	87	5	
	8	46.56	1			35.37			6.9	Tr.	48	24	
21882	9	46.72	2	22	23	37.42	36	41	27.8	Tr.	74	38	[13] One of four threads rejected; R. A.=$31^{s}.53$.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
21883	10	47.84	1	22	23	37.42	22	44	1.7	Tr.	145	7	
21884	10.11	47.79	2	22	23	43.24	30	35	9.5	Mer.	206	8	
21885	7	46.76	2	22	23	47.75	35	49	....	Tr.	86	1	
21886	10	47.84	1	22	23	50.52	22	22	3.4	Tr.	145	8	
21887	9	47.71	1	22	23	58.20	29	23	45.7	Mu.	132	140	
	9	46.73	2			58.21			....	Tr.	76	31	
	9	47.71	1			58.84			45.9	Mer.	204	106	
21888	10	47.70	1	22	24	9.98[1]	28	22	1.2	Mer.	202	68	[1] R. A. increased 1 min.
21889	8	47.82	2	22	24	11.40	28	28	51.8	Mer.	209	23	
	9	47.80	3			11.50[2]			47.0	Mer.	208	28	[2] One of four threads rejected; R. A.=10ˢ.58.
	9.10	46.77	6			11.54			51.8[3]	Mer.	72	44	[3] Decl. changed four rev. south.
	8	47.70	5			11.64[4]			52.8[5]	Mer.	202	69	[4] R. A. increased 1 min.
21890	8	52.74	4	22	24	13.43[6]	21	28	42.4	Mer.	251	27	[5] Decl. changed one rev. south.
21891	9	46.71	1	22	24	14.44[7]	26	37	51.4[8]	Mu.	56	83[9]	[6] One of five threads rejected; R. A.=13ˢ.88.
21892	10	46.71	2	22	24	22.11	27	14	1.5	Mer.	62	54	[7] If decreased 5 sec. and increased one thread interval, R. A.=26ˢ.49. AW and Gou give 26ˢ.3. GZ gives 26ˢ.5.
	9	46.75	1			22.27			0.0	Mu.	66	21	
	8	46.76	2			22.30			....[10]	Tr.	84	7	
21893	8	46.73	3	22	24	23.66	25	23	7.3	Mer.	68	111	[8] If Decl. be changed one rev. north, Decl.=36′ 48″.6. AW gives 59″. Gou gives 63″. GZ gives 64″.
	8	46.61	2			23.71			....	Tr.	54	51	
	9	47.59	1			23.75			14.9	Mer.	196	104	
	10	46.76	3			23.80			9.6	Tr.	85	2	[9] If instead of changes indicated in notes 7 and 8 Decl. be changed five rev. north, Decl.=32′ 40″.6=CoD−26°16188. An equatorial comparison of CoD−26°16188 with Gou 30734 gives Decl.=23″.
	9	47.76	2			23.89			13.3	Mer.	109	36	
	9	48.79	2			23.96			7.9	Mu.	209	69	
	7.8	47.72	3			24.08			12.1	Mu.	134	83	
21894	10	47.71	2	22	24	26.04	26	37	6.7	Tr.	133	51	
	7	46.76	1			26.08			....	Tr.	84	8	[10] Decl. changed one wire interval south.
	9	47.72	4			26.15[11]			3.7	Mer.	205	76	[11] One of five threads rejected; R. A.=24ˢ.64.
	9	46.61	5			26.42			3.8	Mer.	50	34	
21895	11	48.78	1	22	24	30.32[12]	15	41	14.1	Tr.	204	20	[12] R. A. increased 1 min.
21896	10	46.79	2	22	24	30.47	39	30	30.8	Tr.	94	24	
21897	8	47.71	3	22	24	35.25	29	45	10.1	Mer.	204	107	
	7	46.73	2			35.35			....	Tr.	76	32	
	8	47.70	2			35.39			7.3	Mu.	131	107	
	7	47.71	2			35.39			9.3	Mu.	132	141	
	8	46.73	3			35.40			7.1	Mu.	61	69	
	8.9	46.70	6			35.41			8.7	Mer.	58	50	
	8	47.71	1			35.79			6.8	Mer.	203	78	
21898	9	47.72	2	22	24	36.40[13]	26	34	30.2	Mer.	205	77	[13] The times of transit are probably 1ˢ or 2ˢ small, as the last thread of Mer. 205, No. 76, which was observed between the two threads of this star, had to be rejected for this cause. Gou gives 38ˢ.1.
	9	46.61	2			37.92			27.5	Mer.	50	35	
21899	8	46.70	3	22	24	40.79[14]	35	54	28.6	Mu.	55	33	
	6	46.76	2			40.85			....	Tr.	86	2	
21900	8	46.70	2	22	24	49.47[15]	36	12	33.5	Mu.	55	34	
21901	5	51.74	5	22	24	57.20	18	16	9.6	Mu.	280	7	[14] R. A. increased one thread interval.
21902	9	51.74	5	22	25	0.15	18	12	13.4	Mu	280	8	[15] Observer's note, "Deduct 10 sec.," ignored; GZ gives 50ˢ.3.
21903	9	47.99	4	22	25	1.75[16]	30	30	4.0[17]	Mer.	206	9	
	11	46.73	2			1.86			3.1	Tr.	77	43	[16] R. A. decreased one thread interval.
	9	47.79	2			2.08			2.1	Mu.	139	16	[17] Decl. changed five rev. north.
21904	9	47.82	2	22	25	1.87	28	55	5.1	Mer.	209	24	
	9	46.56	7			2.02			5.0	Mer.	46	47	
21905	8.9	46.71	4	22	25	6.02	38	54	38.2	Mu.	57	35	
21906	7.8	46.73	2	22	25	7.55	30	26	8.1	Tr.	77	44	
	7.8	46.73	3			7.58			9.7	Mu.	61	70	
	7	47.71	2			7.58			11.5	Mer.	203	79	
	7	47.79	4			7.74[18]			12.7	Mer.	206	10	[15] R. A. decreased one thread interval.
	7	47.79	3			7.75			8.9	Mu.	139	17	
	7	47.70	1			7.80			11.4	Mu.	131	108	
21907	9	47.82	1	22	25	11.81	28	44	30.2	Mer.	209	25	
21908	9	46.69	3	22	25	11.87	42	30	2.6	Mer.	57	43	
21909	8	46.72	2	22	25	12.42	34	38	....	Tr.	73	60	
21910	11	46.72	2	22	25	19.12	34	31	....	Tr.	73	61	
21911	9	46.62	2	22	25	23.76	28	13	29.3	Mer.	54	12	
21912	8	46.70	2	22	25	24.79	36	22	33.4	Mu.	55	35	
21913	9	47.72	1	22	25	25.67[19]	26	26	15.9	Mer.	205	78	[19] R. A. decreased one thread interval.
	8	47.72	2			26.51			15.6	Tr.	136	5	
21914	9	46.69	2	22	25	27.02[20]	33	26	....	Tr.	66	59	[20] One thread increased 10 sec.
21915	8.9	46.77	3	22	25	33.03	37	26	31.1	Mu.	69	4	
21916	6	46.69	1	22	25	34.99	32	54	....	Tr.	66	60	
	7	46.77	5			35.16			46.1	Mu.	68	9	
21917	8.9	47.84	2	22	25	41.29	22	52	28.4	Mu.	146	30	
	9	47.84	1			41.61			33.1[21]	Tr.	145	9	[21] Decl. changed one rev. north.
	10	48.55	3			41.67			....	Tr.	179	67	
21918	8	46.76	2	22	25	44.72	35	47	....	Tr.	86	3	
21919	9	47.70	2	22	25	46.37	28	25	24.7	Mer.	202	70	
	9	46.77	1			46.62			21.3	Mer.	72	45	
21920	7	46.70	2	22	25	52.81[22]	35	26	50.0	Mu.	53	48	[22] One thread decreased one thread interval.
	5	46.76	1			52.89			....	Tr.	86	4	
21921	8	46.73	2	22	25	53.73	25	6	4.1	Mer.	68	112	
	8.9	46.73	7			53.79			1.2	Mer.	69	112	
	8	46.61	2			53.83			2.9	Mu.	43	19	
	10	47.76	2			53.84[23]			7.9	Mer	109	37	[23] R. A. decreased 1 min.
	7	47.72	3			53.89			3.6	Mu.	134	84	
	8	46.73	5			53.90			2.5	Mer.	70	42	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
21922	8	47.82	2	22	25	54.71	24	3	52.7	Mu.	144	39	
	9	47.76	1			54.93			49.9	Tr.	137	12	
	10	47.82	2			54.94			50.2	Mer.	113	25	
21923	9	46.77	2	22	25	59.41	28	19	1.7	Mer.	72	46	
21924	9	46.71	4	22	26	4.69[1]	41	9	11.5	Mer.	64	10	[1] One of five threads rejected; R. A. = 3ˢ.95.
21925	8.9	46.77	2	22	26	6.80	28	9	48.5	Mer.	72	47	
	11	46.73	3			7.14			46.2	Tr.	81	43	
	9	46.62	3			7.23			48.1[2]	Mer.	54	13	[2] Decl. changed one rev. north.
21926	8	47.84	2	22	26	7.83[3]	23	22	30.0	Mu.	146	31	[3] Separate threads give 8ˢ.20, 7ˢ.45.
21927	11	48.79	3	22	26	24.37[4]	15	53	....	Tr.	205	44	[4] One of four threads rejected; R. A. = 22ˢ.59.
	10	48.78	3			24.61			24.5	Tr.	204	21	
21928	6	48.69	2	22	26	28.59	21	28	26.2	Mu.	204	27	
	4	52.74	5			29.03			25.9	Mer.	251	28	
21929	8	48.67	5	22	26	32.81	20	37	55.4	Mu.	200	1	
	8	48.60	3			32.93			54.3	Mu.	188	99	
	9	48.65	2			33.04			54.7	Mu.	194	1	
21930	8	47.71	3	22	26	33.38	29	34	3.5	Mu.	132	142	
	9	47.71	5			33.44			2.4	Mer.	204	108	
	9	46.73	2			33.56			....	Tr.	79	29	
	9	46.73	2			33.57			....	Tr.	76	33	
21931	8	47.82	1	22	26	41.07	24	2	17.7	Mu.	144	40	
21932	9	47.70	2	22	26	43.57	28	14	39.0	Mer.	202	71	
	11	46.73	1			43.97			38.2	Tr.	81	44	
	9	46.62	3			44.09			45.0	Mer.	54	14	
21933	10	46.79	2	22	26	45.87	39	12	20.8	Tr.	94	25	
21934	9	47.70	1	22	26	46.98	28	1	36.7	Mer.	202	72[5]	[5] Unidentified. Looked for with equatorial but not found.
21935	9	46.72	1	22	26	47.19	36	35	16.4	Tr.	74	39	
21936	9.10	47.72	2	22	26	49.12	26	25	51.3	Tr.	136	6	
21937	8	46.79	1	22	26	52.75	39	29	57.6	Tr.	94	26	
21938	9	47.84	1	22	26	54.86	22	51	14.3	Tr.	145	10	
21939	9	47.80	2	22	27	12. . .[6]	28	31	15.7	Mer.	208	29	[6] Separate threads give 12ˢ.13, 13ˢ.08.
	8	47.82	1			12.95			10.6	Mer.	209	26	
	9	46.77	2			12.95			9.4	Mer.	72	48	
21940	11	46.69	2	22	27	13.53	33	13	....	Tr.	66	61	
21941	9	46.71	3	22	27	14.73	41	5	10.6	Mer.	64	11	
21942	5.6	46.73	5	22	27	20.67	24	45	51.2	Mer.	69	113	
	6	47.76	3			20.70			56.7	Tr.	137	13	
	4	46.68	2			20.81			....	Tr.	64	22	
	6	46.61	3			20.96			52.7	Mu.	43	20	
	6	47.72	2			21.00			51.0	Mu.	134	85	
	7	47.82	3			21.06			53.6	Mer.	113	26	
	5	46.73	4			21.11			53.3	Mer.	70	43	
21943	7	47.71	1	22	27	21.24	29	14	66.5	Mu.	132	143	
	8	46.73	1			21.36			....	Tr.	79	30	
	8	47.70	3			21.50			69.7	Mer.	204	109	
	8	46.73	2			21.53			....	Tr.	76	34	
	9	46.70	5			21.60			56.4[7]	Mer.	58	51	[7] If micrometer reading be assumed as 47.36 instead of 47.56 rev., as recorded, Decl. = 63″.3.
	9	46.56	3			22.01[8]			66.3	Mer.	46	48	
21944	7	47.79	3	22	27	21.30	31	6	39.7	Mer.	206	11	
	8	46.73	1			21.76			40.9	Tr.	77	45	[8] One thread decreased one thread interval.
	7	46.56	4			21.92			36.7	Mu.	38	14	
	6.7	47.79	1			21.94			36.8	Mu.	139	18	
21945	9	47.72	2	22	27	27.22	26	13	26.5	Tr.	136	7	
21946	9	46.70	1	22	27	28.02[9]	36	5	36.4	Mu.	55	36	[9] R. A. decreased 20 sec. If instead R. A. be decreased one thread interval, R. A. = 29ˢ.05. GZ gives 28ˢ.2.
21947	9	47.71	1	22	27	32.26	29	19	20.8	Mer.	204	110	
	9	47.71	1			32.36			26.3	Mu.	132	144	
21948	6	51.74	5	22	27	35.08	18	23	40.7	Mu.	280	9	
21949	9	46.62	3	22	27	40.19	27	42	16.1	Mer.	54	15	
	9	46.75	4			40.23			16.7	Mu.	66	22	
	9.10	46.71	5			40.38			17.0	Mer.	62	55	
	9	47.54	3			40.39			13.1	Mer.	195	164	
21950	9.10	46.73	3	22	27	40.12	25	43	54.9	Mer.	68	113	
	10	46.61	1			40.26			....	Tr.	54	52	
	10	47.59	4			40.64			53.7	Mer.	196	105	
21951	7	46.71	4	22	27	42.62	41	21	11.0	Mer.	64	12	
21952	7	52.74	4	22	27	43.12[10]	21	42	27.8	Mer.	251	29	[10] One of five threads rejected; R. A. = 43ˢ.94.
	8.9	48.69	2			43.44			29.1	Mu.	204	28	
	8	47.85	2			43.62			21.4[11]	Tr.	147	1	[11] If micrometer reading be assumed as 5.50 instead of 5.30 rev., as recorded, Decl. = 31″.5.
21953	4	51.74	5	22	27	43.97	18	13	57.4	Mu.	280	10	
21954	5	46.80	6	22	27	46.02[12]	44	14	48.0	Mer.	77	32	[12] One of seven threads rejected; R. A. = 45ˢ.26.
21955	9	46.76	2	22	27	48.63	27	6	....	Tr.	84	9	
21956	8	47.72	3	22	27	50.58	25	58	56.2	Mer	205	79	
21957	10	47.82	2	22	27	52.76	24	46	36.0	Mer.	113	27	
	8	46.68	2			52.93[13]			....	Tr.	64	23	[13] R. A. increased one thread interval.
	9	46.73	4			53.22			26.2[14]	Mer.	69	114	[14] If micrometer reading be assumed as 45.332 instead of 45.532 rev., as recorded, Decl. = 33″.1.
	8	47.72	1			53.28			37.2	Mu.	134	86	
	9	46.73	3			53.32			36.4	Mer.	70	44	
21958	9	47.80	2	22	27	53.21	29	5	5.5	Mer.	208	30	
	9	46.56	5			53.39			6.9	Mer.	46	49	
21959	9	46.61	2	22	27	56.51	25	53	....	Tr.	54	53	
	10	48.79	1			57.42			34.8	Mu.	209	70	
21960	11	46.73	1	22	27	57.03	27	55	39.3	Tr.	81	45	

NO.	MAG	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
21961	7.8	48.78	5	22	28	2.96	17	9	44.2	Mu.	208	77	
	9	48.79	2			3.40[1]			....	Mer.	153	57	[1] One of three threads rejected; R. A.=$2^{s}.68$.
21962	10	47.84	1	22	28	3.12	22	27	5.7	Tr.	145	11	
	10	48.55	2			3.33[2]			....	Tr.	179	68	[2] One of three threads rejected; R. A.=$4^{s}.16$.
21963	7.8	46.77	4	22	28	8.33[3]	32	26	15.2	Mu.	68	10	[3] One of five threads rejected; R. A.=$7^{s}.40$.
21964	8.9	47.72	1	22	28	10.48	26	21	23.7[4]	Tr.	136	8	[4] Decl. changed one wire interval north.
21965	8.9	46.77	4	22	28	11.64	32	24	60.4	Mu.	68	11	
	9	46.77	1			11.73			67.3[5]	Tr.	87	6	[5] If micrometer reading be assumed as 11.33 instead of 11.53 rev., as recorded, Decl.= 57″.2. Ya gives 60″.
21966	7	46.71	4	22	28	12.55	41	21	44.0	Mer.	64	13	
21967	10	47.84	1	22	28	19.45	22	21	34.9	Tr.	145	12	
21968	10	48.79	1	22	28	21.75[6]	17	12	....	Mer.	153	58	[6] R. A. increased one thread interval.
21969	8	47.85	3	22	28	36.36	21	51	54.9	Tr.	147	2	
	8.9	48.69	2			36.37			56.2	Mu.	204	29	
21970	9	47.84	1	22	28	38.28	22	18	27.8	Tr.	145	13	
21971	10	47.71	3	22	28	39.74	26	49	44.1	Tr.	133	52	
	7	46.76	2			40.10			....	Tr.	84	10	
21972	9	46.69	2	22	28	45.80	33	16	....	Tr.	66	62	
21973	9	46.76	2	22	28	51.00	35	43	....	Tr.	86	5	
21974	10	46.72	1	22	28	58.08	37	17	8.1	Tr.	74	40	
21975	8	47.79	2	22	29	3.06	30	44	23.0	Mu.	139	19	
	9	46.73	4			3.31			22.6	Tr.	77	46	
	8	47.79	4			3.40			22.8	Mer.	206	12	
21976	5	46.78	5	22	29	4.75	40	38	0.2	Mer.	74	1	
21977	9	46.73	2	22	29	9.61	29	33	....	Tr.	76	35	
	10	46.73	2			9.63			....	Tr.	79	31	
	9	47.71	1			10.05			2.2[7]	Mer.	204	111	[7] Decl. changed one wire interval north.
21978	12	48.79	1	22	29	14.14	15	45	....	Tr.	205	45	
21979	9	46.76	2	22	29	18.34	26	38	....	Tr.	84	11	
21980	7	47.71	1	22	29	19.13	29	49	17.8	Mu.	132	145	
	7	47.70	3			19.21			15.5	Mu.	131	109	
	7.8	46.73	5			19.34			16.9	Mu.	61	71	
	8	47.71	3			19.42			15.6	Mer.	203	80	
21981	7.8	46.80	2	22	29	19.22	44	31	2.3	Mer.	77	33	
21982	8	52.74	4	22	29	20.18[8]	21	9	9.1	Mer.	251	30	[8] One of five threads rejected; R. A.=$20^{s}.57$.
21983	8	47.84	1	22	29	23.74	22	34	23.8	Tr.	145	14	
	9	48.55	2			24.35			....	Tr.	179	69	
21984	8	47.82	1	22	29	24.56	24	2	21.9	Mu.	144	41	
	9	47.76	1			24.61			19.9	Tr.	137	14	
21985	12	47.68	3	22	29	25.24	25	56	36.3	Tr.	129	52	
	9	47.59	5			25.28			34.1	Mer.	196	106	
	9	48.79	1			25.44			32.6	Mu.	209	71	
21986	9	48.79	2	22	29	27.94	17	8	....	Mer.	153	59	
	9	48.78	3			28.32			48.7	Mu.	208	78	
21987	7	46.80	3	22	29	30.24	44	31	18.2	Mer.	77	34	
21988	7	46.72	2	22	29	31.18	34	14	....	Tr.	73	62	
21989	10	47.59	1	22	29	43.02	25	46	55.3	Mer.	196	107	
	9	46.73	4			43.11			58.7	Mer.	68	114	
	10	46.61	2			43.18			....	Tr.	54	54	
	10	48.79	2			43.90			53.7[9]	Mu.	209	72	[9] Decl. changed five rev. north.
21990	9	47.84	1	22	29	43.72	23	25	5.9	Mu.	146	32	
21991	9	47.70	2	22	29	46.12[10]	28	13	16.1	Mer.	202	73	[10] One of three threads rejected; R. A.=$45^{s}.36$.
	10	46.73	3			46.16			17.2	Tr.	81	46	
	7.8	46.77	2			46.20			19.4	Mer.	72	49	
	8.9	47.79	3			46.22			18.1[11]	Tr.	138	1	[11] Decl. changed two rev. south.
	8	46.62	4			46.35			18.5	Mer.	54	16	
21992	..	52.74	5	22	29	47.06	21	7	....[12]	Mer.	251	31	[12] No micrometer reading recorded. Another star at same R. A., but fainter, gives Decl.= 13′.
21993	9.10	47.79	1	22	29	47.09	28	6	44.0	Tr.	138	2	
21994	7	46.76	2	22	29	52.05	35	29	....	Tr.	86	6	
21995	7.8	47.72	3	22	29	54.51	26	25	56.8	Tr.	136	9	
	8	47.72	7			54.62[13]			53.5	Mer.	205	80	[13] R. A. increased 1 min.
	7	46.71	4			54.70			53.2	Mu.	56	84	
	8	46.61	5			54.72			53.3	Mer.	50	36	
21996	9	46.69	2	22	30	3.25	32	59	....	Tr.	66	63	
21997	9	46.71	6	22	30	3.30	27	38	51.6	Mer.	62	56	
	7.8	46.75	4			3.31			52.0	Mu.	66	23	
	8	46.62	4			3.42			48.8	Mer.	54	17	
	8	47.54	6			3.63			49.3[14]	Mer.	195	165	[14] Decl. changed one rev. south.
21998	9	47.82	1	22	30	11.98	23	30	62.4	Tr.	143	9	
	7	47.82	1			12.10			56.2	Mu.	144	42	
	7	47.84	1			12.24			57.8	Mu.	146	33	
21999	6	46.80	4	22	30	15.38	39	55	50.5	Mu.	74	21	
	5.6	46.78	6			15.44			55.4	Mer.	74	2	
22000	7	46.71	5	22	30	16.05	39	15	19.3	Mu.	57	36	
	6	46.79	3			16.05			14.1	Tr.	94	27	
22001	9	46.77	2	22	30	18.77	28	3	8.1	Mer.	72	50	
	9	47.79	2			19.16			10.2	Tr.	138	3	
22002	6	46.72	4	22	30	22.18	33	51	35.1	Mu.	59	31	
22003	9	47.79	3	22	30	22.82	30	58	55.3[15]	Mer.	206	13	[15] Decl. changed one rev. north.
22004	6	47.71	2	22	30	23. . .[16]	29	31	31.6	Mu.	132	146	[16] Separate threads give $23^{s}.60$, $22^{s}.67$.
	6	46.73	2			23.27			....	Tr.	76	36	
	6	47.71	3			23.55			34.3	Mer.	204	112	
	5	46.73	2			23.60			....	Tr.	79	32	
	7	46.70	5			23.66			32.9	Mer.	58	52	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
22005	9	48.78	1	22	30	25.84	17	15	....	Mu.	208	79	
	10	48.79	1			26.69			....	Mer.	153	60	
22006	9	46.77	2	22	30	27.16	37	49	14.0	Mu.	69	5	
22007	9	47.82	1	22	30	28.29	29	2	58.6	Mer.	209	27	
	9	47.80	3			28.52[1]			60.2	Mer.	208	31	[1] R. A. decreased 50 sec. One of four threads rejected; R. A. = $29^{\mathrm{s}}.23$.
	9	46.56	4			28.89			59.0	Mer.	46	50	
22008	9	47.84	1	22	30	32.13	22	26	1.8	Tr.	145	15	
	10	48.55	2			32.57			....	Tr.	179	70	
22009	9	46.77	2	22	30	38.25	28	20	39.5	Mer.	72	51	
	9	47.79	2			38.27			44.5	Tr.	138	4	
	9	47.70	3			38.28			44.8	Mer.	202	74	
22010	7.8	47.84	1	22	30	53.36	23	24	51.6	Mu.	146	34	
	9	47.82	1			53.88			52.5	Tr.	143	10	
	7	47.82	1			53.96			49.2	Mu.	144	43	
22011	10	47.71	2	22	30	55.70	30	4	42.0	Mer.	203	81	
22012	8.9	46.61	5	22	30	58.95	26	15	34.4	Mer.	50	37	
	8	47.72	2			59.18			35.3	Mer.	205	81	
	7.8	47.72	3			59.20			36.4	Tr.	136	10	
	7.8	46.71	3			59.46			37.4	Mu.	56	85	
	10	46.72	5			59.48			39.1	Mer.	66	91	
22013	7	47.82	1	22	31	19.72	23	33	26.9	Mu.	144	44	
22014	8	47.82	2	22	31	22. . .[2]	29	6	6.7	Mer.	209	28	[2] R. A. increased one thread interval. Separate threads give $22^{\mathrm{s}}.31$, $21^{\mathrm{s}}.41$.
	5	46.73	1			22.05			....	Tr.	76	38	
	8	47.80	2			22.36			10.0	Mer.	208	32	
	8.9	46.56	4			22.52			12.2	Mer.	46	51	
	7	46.70	3			22.53			11.8	Mer.	58	53	
	7	47.71	1			22.96			12.0	Mu.	132	148	
22015	7.8	46.70	2	22	31	24.78	29	7	32.9	Mer.	58	54	
	8.9	46.56	6			24.86			32.1	Mer.	46	52	
	7	47.71	1			24.93			37.1	Mu.	132	149	
	..	47.82	2			25.21[3]			....	Mer.	209	29	[3] R. A. increased one thread interval.
	8	47.80	2			25.22			33.8[4]	Mer.	208	33	[4] Decl. changed one rev. north.
22016	7.8	46.70	5	22	31	25.06	35	57	10.7	Mu.	55	37	
	6	46.76	2			25.18			....	Tr.	86	7	
22017	10	48.67	1	22	31	25.69	21	50	7.0	Tr.	189	1	
22018	9.10	47.76	1	22	31	26.83	24	27	43.4	Tr.	137	15	
	9	46.68	2			26.90			....	Tr.	64	24	
	10	47.82	3			26.92			49.0[5]	Mer	113	28	[5] Decl. changed one rev. south.
22019	10	46.73	1	22	31	27.25	30	32	35.0[6]	Tr.	77	47	[6] Reduced for 12.045 instead of 12.45 rev., as recorded.
	8	47.79	2			27.37			34.9	Mu.	139	20	
22020	7	47.70	1	22	31	26.69	29	37	33.9	Mu.	131	110	
	6.7	47.71	2			27.63			34.6	Mu.	132	147	
	7	47.71	2			27.84			34.8	Mer.	204	113	
	7	46.73	2			27.86			....	Tr.	79	33	
	7	46.73	2			27.89			....	Tr.	76	37	
22021	9	47.79	3	22	31	30.17	30	42	16.7	Mer.	206	14	
22022	10	48.67	1	22	31	38.78	20	28	36.8	Mu.	200	2	
22023	7	47.79	2	22	31	43.68	30	43	32.0	Mu.	139	21	
	7	47.79	2			43.73[7]			32.3	Mer.	206	15	[7] Two of four threads rejected; R. A. = $44^{\mathrm{s}}.46$, $42^{\mathrm{s}}.99$.
22024	9	47.71	1	22	31	47.71	30	5	27.4	Mer.	203	82	
	7	47.70	1			47.84			22.5	Mu.	131	111	
	8	46.73	4			47.95			29.2	Mu.	61	72	
22025	9.10	46.77	4	22	31	48.54	26	57	3.5	Mer.	71	43	
	9	46.76	2			48.68			....	Tr.	84	12	
22026	9	47.79	1	22	31	50.57	28	26	40.2	Tr.	138	6	
22027	9	46.77	2	22	31	50.93	28	4	26.7	Mer.	72	52	
	9	47.70	2			50.93			28.3	Mer.	202	75	
	9	46.70	4			51.00[8]			23.6	Mer.	60	77	[8] R. A. increased 1 min. Two threads decreased 10 sec. each.
	9	47.79	2			51.50			26.4	Tr.	138	5	
22028	9	46.72	3	22	31	54.84	33	25	5.7	Mu.	59	32	
	8	46.69	2			54.88			....	Tr.	66	64	
22029	11	48.79	3	22	31	54.95	15	19	....[9]	Tr.	205	46	[9] Decl. changed one wire interval north.
22030	6	46.56	5	22	31	59.35	31	25	49.4	Mu.	38	15	
22031	9	48.67	1	22	31	[47.53][10]	20	47	15.9	Mu.	200	3	[10] "Time of transit doubtful."
	9	48.65	4			59.81			14.6	Mu.	194	2	
22032	8	52.74	4	22	32	0.21	21	29	19.7	Mer.	251	32	
22033	9	48.79	3	22	32	6.30	16	44	....[11]	Mer.	153	61	[11] Decl. changed five rev. north.
	8.9	48.78	1			6.32			15.6	Mu.	208	80	
22034	9	46.69	2	22	32	16.04	33	16	....	Tr.	66	65	
22035	7	47.79	1	22	32	16.55	30	27	14.8	Mu.	139	22	
	8	46.73	3			16.75			17.3	Mu.	61	73	
	7	47.79	1			17.28			17.3	Mer.	206	16	
22036	10	47.82	1	22	32	17.79	24	29	0.0	Mer.	113	29	
22037	2	47.70	1	22	32	20.73	27	49	27.7	Mer.	202	76	
	6.7	46.70	4			20.83[12]			26.6	Mer.	60	78	[12] R. A. increased 1 min.
	2.3	46.73	4			20.85			29.7	Tr.	81	47	
	5.6	46.62	4			20.88			25.9	Mer.	54	18	
	3.4	46.75	4			20.89			25.4	Mu.	66	24	
	4	46.71	6			21.00			26.8	Mer.	62	57	
	6	47.54	3			21.08			27.5	Mer.	195	166	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
22038	11	48.79	3	22	32	21.06	15	23	....	Tr.	205	47	
22039	7.8	46.77	5	22	32	24.88	32	46	16.3	Mu.	68	12	
22040	8	46.76	2	22	32	28.81	26	43	....	Tr.	84	13	
22041	9	46.69	4	22	32	41.82	42	2	17.6	Mer.	57	44	
22042	9	47.84	1	22	32	49.77	23	13	49.1	Mu.	146	35	
22043	7	47.76	2	22	32	51.38	24	17	57.4	Tr.	137	16	
	9	47.82	2			51.39			58.6[1]	Mer.	113	30	[1] Decl. changed two wire intervals south.
22044	8.9	46.73	5	22	32	52.69	25	1	8.3	Mer.	68	115	
	10	47.76	3			52.71			14.5[2]	Mer.	109	38	[2] Decl. changed one rev. south.
	9	46.73	7			52.84			9.8	Mer.	69	115	
	8	46.73	4			52.85[3]			9.5	Mer.	70	45	[3] Three threads decreased one thread interval each.
	8	47.72	2			52.94			10.2	Mu.	134	87	
22045	9	47.80	2	22	32	54.30	28	49	0.1	Mer.	208	34	
22046	9	46.77	1	22	32	58.45	32	24	36.1	Mu.	68	13	
22047	7	47.72	3	22	33	5.70[4]	26	7	54.0	Tr.	136	11	[4] Separate threads give $5^s.67$, $5^s.23$, $6^s.19$.
	8.9	46.72	7			5.78			52.5	Mer.	66	92	
	9	46.61	5			5.78			54.4	Mer.	50	38	
	7	46.71	4			5.81			54.6	Mu.	56	86	
	8	47.72	5			6.02			50.9	Mer.	205	82	
22048	9	46.70	4	22	33	8.06	28	2	15.9	Mer.	60	79	
	8.9	47.79	3			8.12			21.5	Tr.	138	7	
	7	46.77	1			8.15			19.1	Mer.	72	53	
	8	46.59	2			8.22			14.8	Tr.	50	16	
	9	46.73	2			8.25			18.6	Tr.	81	48	
22049	9	47.84	1	22	33	10.17	23	20	8.0	Mu.	146	36	
22050	7	47.79	2	22	33	31.50	30	48	36.3	Mer.	206	17	
	8	46.73	3			32.07			38.4	Tr.	77	48	
	7	47.79	2			32.13			37.9	Mu.	139	23	
22051	9	46.72	2	22	33	36.65	34	21	....	Tr.	73	63	
22052	8	47.79	1	22	33	39.36[5]	30	19	26.5	Mu.	139	24	[5] R. A. increased one thread interval.
	9	47.71	1			40.47[6]			33.0	Mer.	203	83	[6] R. A. decreased 1 min.
22053	8	46.70	4	22	33	44.96	35	3	34.7	Mu.	53	49	
22054	8	52.74	4	22	33	50.95[7]	21	33	54.1	Mer.	251	33	[7] One of five threads rejected; R. A.=$50^s.41$.
	9	48.67	3			50.98			53.7	Tr.	189	2	
22055	9	47.84	1	22	33	57.81	22	33	9.6	Tr.	145	16	
22056	8	47.70	1	22	33	59.71	28	9	53.0	Mer.	202	77	
	9	46.70	5			60.29			52.0	Mer.	60	80	
	7	46.77	2			60.35			54.4	Mer.	72	54	
	7	46.59	3			60.47			52.1	Tr.	50	17	
	8.9	47.79	3			60.52			51.8	Tr.	138	8	
22057	6.7	47.70	3	22	34	0.74	30	8	32.6	Mu.	131	112	
	7	46.73	4			0.90			34.4	Mu.	61	74	
	6.7	47.71	5			1.50[8]			35.3	Mer.	203	84	[8] R. A. decreased 1 min.
22058	9	46.56	5	22	34	2.11	31	25	58.7	Mu.	38	16	
22059	10	46.72	1	22	34	8.59	36	35	21.7	Tr.	74	41	
22060	8	46.71	2	22	34	10.90	38	7	36.5	Tr.	71	42	
22061	10	47.82	1	22	34	16.09	24	29	57.8	Mer.	113	31	
	10	46.68	2			16.19			....	Tr.	64	25	
22062	9	47.71	6	22	34	19.66	27	2	8.6	Mer.	107	65	
	10	46.77	4			19.91			6.6	Mer.	71	44	
	10	46.76	2			20.04			....	Tr.	84	14	
22063	8	46.71	4	22	34	27.54	38	27	12.5	Mu.	57	37	
	8	46.71	1			27.79			9.5	Tr.	71	43	
22064	8	46.77	3	22	34	28.20	32	24	49.1	Mu.	68	14	
22065	8	47.85	2	22	34	29.12	21	43	41.0	Tr.	147	3	
	9	48.69	4			29.51			40.7	Mu.	204	30	
	9	48.67	2			29.75			38.9	Tr.	189	3	
22066	8	47.82	2	22	34	32.84[9]	28	40	3.4	Mer.	209	30	[9] R. A. increased 1 min.
	9	46.56	5			32.90			4.7	Mer.	46	53	
	8	47.80	3			32.97[10]			1.4	Mer.	208	35	[10] One of four threads rejected; R. A.=$33^s.76$.
	8	46.73	4			32.98			3.9	Mu.	63	35	
	7.8	46.77	2			33.03			3.5	Mer.	72	55	
	9	47.79	2			33.04[11]			9.6	Tr.	138	9	[11] Last thread decreased 1 sec. See note on No. 22088_2. Separate threads as recorded give $33^s.14$, $33^s.93$.
22067	9	46.69	7	22	34	34.13	42	19	37.5[12]	Mer.	57	45	
22068	9	46.73	4	22	34	35.78	25	15	3.9	Mer.	69	116	
22069	9	47.72	3	22	34	36.48	26	27	44.5	Tr.	136	12	[12] Decl. changed one rev. north.
	10	47.72	1			37.41			45.5	Mer.	205	83	
22070	9	46.73	3	22	34	36.61	31	3	55.1	Tr.	77	49	
	9	46.56	2			36.84			53.9	Mu.	38	17	
22071	7	47.71	1	22	34	40.86	29	24	58.9	Mu.	132	150	
	7	46.73	2			40.87			....	Tr.	79	34	
	9.10	46.70	4			40.97[13]			55.9	Mer.	58	55	[13] R. A. decreased 10 sec.
	8	47.71	5			41.15			54.9	Mer.	204	114	
	9	46.73	2			41.36			....	Tr.	76	39	
22072	9	48.69	1	22	34	41.61	21	57	42.6	Mu.	204	31	
22073	8	51.74	5	22	34	45.22	18	10	28.5	Mu.	280	11	
22074	10	46.69	2	22	34	45.46	33	32	....	Tr.	66	66	
22075	6	46.69	7	22	34	46.86	42	11	40.3	Mer.	57	46	
	2	46.79	5			47.10			38.8	Mer.	75	11	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
·		1800+		h	m	s	°	′	″				
22076	7.8	46.71	5	22	34	49.67	40	54	38.4	Mer.	64	14	
22077	8	47.80	1	22	34	49.66	28	56	11.6	Mer.	208	36	
	8.9	46.56	3			50.74			10.2	Mer.	46	54	
	8	47.82	2			50.80			8.1	Mer.	209	31	
	9	46.73	1			51.46			9.8	Mu.	63	36	
22078	7	47.84	2	22	34	52.46	22	26	25.9	Tr.	145	17	
22079	10	46.72	1	22	34	54.61	36	45	16.2[1]	Tr.	74	42	[1] Decl. changed one wire interval south.
22080	8	47.79	2	22	34	55.31	30	26	55.9[2]	Mer.	206	18	[2] Decl. changed one rev. south.
	8	47.79	1			55.51			59.1	Mu.	139	25	
22081	8	46.70	3	22	34	56.28	35	16	21.8	Mu.	53	50	
22082	8	47.72	3	22	35	0.86	26	26	56.8	Mer.	205	84	
	8	47.72	3			1.11			60.5	Tr.	136	13	
	9	46.61	5			1.46			54.0	Mer.	50	39	
	7	46.71	3			1.62			56.9	Mu.	56	87	
22083	7.8	47.72	2	22	35	14.79	25	9	52.1	Mu.	134	88	
	8.9	46.73	6			14.92			51.1	Mer.	68	116	
	8	46.73	5			14.96			54.0	Mer.	70	46	
	9	46.73	5			15.06			54.0	Mer.	69	117	
	9	47.76	3			15.12			56.1	Mer.	109	39	
22084	9	47.79	2	22	35	15.06	30	28	39.4	Mer.	206	19	
	9	47.79	1			16.24			40.0	Mu.	139	26	
22085	9	48.79	2	22	35	21.14	16	40	....	Mer.	153	62	
	8.9	48.78	2			21.17			51.3	Mu.	208	81	
	9	48.77	1			21.28			53.2	Mu.	206	1	
22086	9	47.54	1	22	35	26.52	27	39	24.7	Mer.	195	167	
	8	46.75	4			26.66			25.2	Mu.	66	25	
	9.10	46.71	4			26.77			28.5	Mer.	62	58	
22087	8.9	48.78	4	22	35	29. . .[3]	16	55	13.6	Mu.	208	82	[3] Separate threads give 30^s.46, 30^s.54, 29^s.27, 29^s.61. The first two threads were observed alternately with the two of Mu. 208, No. 81, which give a R. A. agreeing with other observations.
	9	48.77	1			29.66			15.3	Mu.	206	2	
	10	48.79	1			29.78			....	Mer.	153	63	
22088	8	47.70	2	22	35	39. . .[4]	27	59	10.9[5]	Mer.	202	78	
	9	47.79	3			39.93[6]			9.8	Tr.	138	10	
	9	46.59	2			40.17			11.0	Tr.	50	18	[4] Separate threads give 40^s.44, 39^s.62. Gou gives 40^s.2.
	8.9	46.70	7			40.22			8.6	Mer.	60	81	
	11	46.73	2			40.28			9.6	Tr.	81	49	[5] Decl. changed one rev. south.
22089	9	46.78	3	22	35	42.03[7]	40	31	18.0	Mer.	74	3	[6] R. A. decreased 1 sec. See note on No. 22066_6.
22090	8	51.74	5	22	35	44.87	18	23	1.9	Mu.	280	12	[7] R. A. decreased one thread interval. One of four threads rejected; R. A.=41^s.30.
22091	8	46.73	2	22	35	45. . .[8]	29	42	....	Tr.	76	40	
	10	46.70	4			45.27			49.5	Mer.	58	56	[8] Separate threads give 46^s.10, 44^s.97.
	9	46.73	2			45.28			....	Tr.	79	35	
	9	46.73	4			45.51			50.5	Mu.	61	75	
	8	47.71	3			45.58			52.2	Mer.	204	115	
	8	47.70	2			45.68			48.5	Mu.	131	113	
	8	47.71	1			46.03			54.4	Mer.	203	85	
22092	10	46.79	3	22	35	47.91	39	20	24.8	Tr.	94	28	
22093	8	47.82	2	22	35	52.47	23	54	58.5	Mu.	144	45	
22094	9	48.66	3	22	35	54.64	21	31	32.7	Tr.	188	1	
	8	52.74	5			54.77			38.1	Mer.	251	34	
	9	48.77	2			54.78[9]			36.0	Mer.	152	1	[9] One of three threads rejected; R. A.=53^s.83.
22095	8	46.77	4	22	36	4.84	31	54	50.9	Tr.	87	7	
	10	46.56	2			5.02			47.9	Tr.	48	25	
22096	9	47.71	1	22	36	6.87	29	39	7.0	Mer.	204	116	
22097	10	48.76	3	22	36	6.89	20	8	....	Tr.	198	1	
22098	7.8	46.71	5	22	36	9.24	41	33	7.9	Mer.	64	15	
	6	46.79	2			9.30			11.5	Mer.	75	12	
22099	9	46.76	2	22	36	12.40	26	44	....	Tr.	84	16	
22100	8.9	46.73	3	22	36	13.44	24	33	0.4	Mer.	70	47	
	8	46.68	2			13.52			....	Tr.	64	26	
	9	46.73	4			13.53			0.0	Mer.	69	118	
	9	47.76	2			13.67			2.2	Tr.	137	17	
	9	47.82	3			13.76			0.3	Mer.	113	32	
22101	9	47.71	5	22	36	13.68	27	4	40.6	Mer.	107	66	
	9	46.71	2			13.69[10]			38.0	Mer.	62	59	[10] R. A. decreased 1 min.
	8	46.76	2			14.26			....	Tr.	84	15	
22102	10	48.79	1	22	36	18.32	15	23	....	Tr.	205	49	
22103	9	48.79	2	22	36	21.90	15	27	....[11]	Tr.	205	48	[11] Decl. changed one wire interval north.
22104	9	47.79	1	22	36	23.69	31	2	14.1	Mer.	206	20	
22105	9	48.67	2	22	36	27.65	21	43	50.3	Tr.	189	4	
22106	9	46.77	3	22	36	47.57	28	4	40.9	Mer.	72	56	
	9	47.70	2			47.58			40.8	Mer.	202	79	
	9	46.70	3			47.60			38.7	Mer.	60	82	
	9	47.79	2			48.14			39.1	Tr.	138	11	
22107	10	47.84	1	22	36	50.85	22	36	15.2	Tr.	145	18	
22108	7.8	47.82	1	22	36	51.72	23	46	19.3	Mu.	144	46	
22109	8	47.82	1	22	36	59.03	23	53	14.3	Mu.	144	47	
22110	8	46.69	2	22	37	9.49	32	53	....	Tr.	66	67	
22111	9	48.67	2	22	37	11.03	21	39	24.3	Tr.	189	5	
22112	9	47.84	2	22	37	13.19	23	24	33.6	Mu.	146	37	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
22113	6.7	47.59	3	22	37	17.79	26	1	26.0	Mer.	196	108	
	6	47.68	4			17.83			28.9	Tr.	129	53	
	6.7	47.72	3			18.09[1]			27.3	Tr.	136	14	[1] R. A. decreased one thread interval.
	7	46.71	4			18.18			25.8[2]	Mu.	56	88	[2] Decl. changed five rev. north.
	8	47.72	5			18.21			24.7	Mer.	205	85	
	8	46.72	5			18.21			24.7	Mer.	66	93	
	7	46.76	4			18.26			31.2	Tr.	85	3	
	7.6	48.79	4			18.46			27.6	Mu.	209	73	
22114	9	48.78	3	22	37	18.35	16	30	25.6	Mu.	208	83	
22115	8	46.71	2	22	37	26.17	27	45	51.5	Mer.	62	60	
	7	46.75	3			26.18			52.2	Mu.	66	26	
	8	47.67	3			26.20			56.1	Tr.	127	31	
	8	46.70	4			26.31			52.7	Mer.	60	83	
	9	47.54	4			26.46			57.1	Mer.	195	168	
22116	10	47.82	2	22	37	28.61[3]	24	38	30.8	Mer.	113	33	[3] R. A. decreased 1 min.
22117	8	52.74	5	22	37	36.75	21	27	3.2[4]	Mer.	251	35	[4] Decl. changed one rev. north.
22118	9	47.79	1	22	37	46.07	28	10	44.1	Tr.	138	12	
	9	46.70	2			46.08[5]			52.3	Mer.	60	84	[5] R. A. decreased 1 min.
22119	9	46.72	1	22	37	48.40	33	35	11.9	Mu.	59	33	
22120	10	46.72	2	22	37	54.59	36	55	44.1	Tr.	74	43	
22121	9	47.72	3	22	38	1.99	26	32	51.4	Tr.	136	15	
22122	7.8	46.80	7	22	38	5.61	43	19	13.0	Mer.	76	13	
22123	8	46.77	2	22	38	24.84[6]	32	39	12.8	Mu.	68	15	[6] One of three threads rejected; R. A.=$23^{s}.86$.
22124	7	46.72	1	22	38	28.18	33	58	14.2	Mu.	59	34	
22125	8	46.69	5	22	38	28.18	42	28	53.0	Mer.	57	47	
22126	9	46.72	4	22	38	30.21	26	11	3.8	Mer.	66	94	
	8	47.72	4			30.40			3.0	Mer.	205	86	
	9	46.61	4			30.56			6.0	Mer.	50	40	
	8	46.71	3			30.56			7.5	Mu.	56	89	
22127	8	48.66	3	22	38	31.13	21	2	59.7	Tr.	188	2	
	8	48.77	4			31.33			54.5	Mer.	152	2	
22128	10	46.76	2	22	38	32.72	26	58	....	Tr.	84	17	
22129	7	46.80	3	22	38	39.26	40	14	38.0	Mu.	74	22	
	8.9	46.78	7			39.33			38.2	Mer.	74	4	
22130	12	47.71	2	22	38	40.66	27	5	18.8	Tr.	133	53	
	9	47.71	4			40.68			21.4	Mer.	107	67	
	7	46.76	2			40.72			....	Tr.	84	18	
	8	46.77	6			40.79			19.7	Mer.	71	45	
	7	46.75	3			40.86			20.3	Mu.	66	27	
22131	7	46.69	2	22	38	42.39	33	27	....	Tr.	66	68	
22132	8	52.74	5	22	38	43.28	21	34	46.8[7]	Mer.	251	36	[7] Decl. changed one rev. north.
	7	48.77	1			43.39			45.0	Mer.	152	3	
	8	47.85	3			43.48			47.5[8]	Tr.	147	4	[8] Decl. changed one rev south.
	8	48.67	3			43.51			50.1	Tr.	189	6	
	8	48.69	4			43.52			47.9	Mu.	204	32	
	9	48.65	2			43.54			47.6	Tr.	187	1	
22133	9	48.67	2	22	38	47.03	20	41	31.3	Mu.	200	4	
22134	6	46.70	4	22	38	53.30	34	57	5.7	Mu.	53	51	
22135	8	48.78	2	22	38	58.77	17	11	56.4	Mu.	208	84	
	9.10	48.77	2			58.86			55.6	Mu.	206	3	
	8	48.76	3			58.91			52.1	Tr.	199	1	
	9	48.79	3			59.13			....	Mer.	153	64	
22136	7	46.76	2	22	39	1.02	35	36	....	Tr.	86	8	
22137	8	46.59	2	22	39	7.83	28	10	7.0	Tr.	50	19	
	8	47.70	2			7.89			31.6	Mer.	202	80	
	9	46.73	3			7.97			18.7	Tr.	81	50	
	8	46.70	4			7.97			19.3[9]	Mer.	60	85	[9] Decl. changed one wire interval north.
	9	47.79	3			8.15			18.2[10]	Tr.	138	13	[10] Decl. changed one rev. south.
	7	46.77	2			8.18			19.6	Mer.	72	57	
22138	7.8	46.71	3	22	39	14.61	39	0	29.4	Mu.	57	38	
	7	46.79	3			14.63			28.8	Tr.	94	29	
22139	9	48.79	3	22	39	16.20	16	55	....	Mer.	153	65	
	7.8	48.78	2			16.25			57.6	Mu.	208	85	
	8.9	48.77	4			16.47			57.0	Mu.	206	4	
22140	9	47.84	2	22	39	16.45	22	38	20.8	Tr.	145	19	
22141	8.9	47.85	2	22	39	19.53[11]	21	50	26.4	Tr.	147	5	[11] R. A. decreased 1 min.
	9	48.69	2			19.59			24.0	Mu.	204	33	
	8	48.67	2			19.79			21.4	Tr.	189	7	
22142	9.10	46.77	2	22	39	21.52	28	9	18.0	Mer.	72	58	
	9.10	47.70	1			21.57			20.2	Mer.	202	81	
	9	47.79	3			21.77			18.1	Tr.	138	14	
22143	6	51.74	5	22	39	21.80	18	20	21.5	Mu.	280	13	
22144	8	47.82	2	22	39	27.67	23	57	40.4	Mu.	144	48	
22145	10	48.76	4	22	39	28.10	19	57	....	Tr.	198	2	
22146	7	48.67	..	22	39	29...	20	23	38.7	Mu.	200	5	
	8	48.65	3			29.54			37.7	Mu.	194	3	
	8	48.65	7			29.65			41.2	Mer.	142	1	
22147	7.8	46.71	2	22	39	32.82	38	32	49.2	Tr.	71	44	
	7.8	46.71	1			32.87[12]			47.2	Mu.	57	39	[12] R. A. decreased 5 sec.
22148	10	48.79	5	22	39	33.02	15	55	....	Tr.	205	50	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
22149	9.10	47.72	1	22	39	34.12	26	4	21.6[1]	Tr.	136	16	[1] Decl. changed two rev. north.
22150	9	47.84	2	22	39	37.84	22	56	1.0	Mu.	146	38	
22151	9	46.73	7	22	39	39.26	24	54	38.6	Mer.	69	119	
	8	47.72	3			39.29			42.9	Mu.	134	89	
	10	47.76	3			39.38			43.9	Mer.	109	40	
22152	6	47.72	1	22	39	41.44	26	41	49.8	Mer.	205	87	
	6	46.71	3			41.78			54.3	Mu.	56	90	
	7.8	46.61	5			41.89			49.2	Mer.	50	41	
22153	11	47.54	1	22	39	42.63	27	12	10.3	Mer.	195	169	
22154	8	46.73	2	22	39	43.89	29	18	....	Tr.	79	36	
	8	46.73	2			43.90			....	Tr.	76	41	
	8	46.56	4			44.10			30.7	Mer.	46	55	
	8	47.71	3			44.31			31.1	Mu.	132	151	
	8	47.71	4			44.38			30.8	Mer.	204	117	
22155	6	46.80	2	22	39	46.00[2]	44	14	7.1	Mer.	77	35	[2] One of three threads rejected; R. A.=$47^{s}.04$.
22156	10	47.71	2	22	39	50. . .[3]	29	44	53.0	Mer.	203	86	[3] Separate threads give $51^{s}.31$, $50^{s}.32$.
22157	8	47.84	1	22	39	58.63	22	25	6.9	Tr.	145	20	
22158	9	48.76	2	22	39	58.74	17	20	33.2	Tr.	199	2	
22159	7	47.70	3	22	40	12.81	28	20	61.1	Mer.	202	82	
	7.8	46.70	4			12.83[4]			59.8	Mer.	60	86	[4] Two of six threads rejected; R. A.=$11^{s}.88$, $11^{s}.68$.
	6	46.77	3			12.84			59.4	Mer.	72	59	
	6	46.59	3			12.85			47.5[5]	Tr.	50	20	[5] Micrometer record 12 rev. Reduced for 12.00 rev. Record may give only an approximate position.
	7	46.73	4			12.89			61.3	Tr.	81	51	
	7.8	47.79	3			12.99			60.2[6]	Tr.	138	15	
22160	8	46.76	2	22	40	14.38	35	33	....	Tr.	86	9	[6] Decl. changed two rev. south.
22161	9	48.67	..	22	40	15. . .	20	29	9.7	Mu.	200	6	
22162	7	46.78	3	22	40	28.52[7]	40	39	47.0	Mer.	74	5	[7] R. A. increased 10 sec.
22163	7.8	47.71	1	22	40	32.08	29	26	48.4	Mu.	132	152	
	8	47.71	3			32.53			50.7	Mer.	204	118	
	9	46.73	2			32.57			....	Tr.	76	42	
	9	46.73	2			32.68			....	Tr.	79	37	
22164	6	51.74	5	22	40	33.62	18	2	41.6	Mu.	280	14	
22165	9	47.54	1	22	40	38.89	27	19	51.9	Mer.	195	170	
	9	46.71	5			39.15			47.9	Mer.	62	61	
	10	47.67	3			39.18[8]			50.7	Tr.	127	32	[8] R. A. decreased 1 min.
	9	46.76	2			39.32			....	Tr.	84	19	
	9	47.71	3			39.44			54.0	Mer.	107	68	
	9	46.77	3			39.63			54.4	Mer.	71	46	
22166	9	46.73	2	22	40	45.26	30	39	55.6	Tr.	77	50	
	8	47.79	5			45.38			53.9	Mer.	206	21	
	8.9	47.79	1			45.40			57.0	Mu.	139	27	
22167	8	47.84	2	22	40	48.29	23	26	43.3	Mu.	146	39	
	7.8	47.82	2			48.69			40.0	Mu.	144	49	
	9	47.82	1			49.26			44.6	Tr.	143	11	
22168	9	46.69	2	22	40	48.39	33	32	....	Tr.	66	69	
22169	7.8	48.79	3	22	40	49.11[9]	25	42	40.0	Mu.	209	74	[9] One of four threads rejected; R. A.=$50^{s}.46$.
	..	47.59	7			49.14			40.2	Mer.	196	109	
	8	47.84	1			49.21			41.0	Mer.	211	1	
	9	47.68	3			49.26[10]			39.4	Tr.	129	54	[10] One of four threads rejected; R. A.=$60^{s}.75$.
	10	46.76	4			49.39			40.5	Tr.	85	4	
	8	46.73	6			49.40			42.2	Mer.	68	117	
	9	46.72	7			49.42			41.7	Mer.	66	95	
22170	8	48.76	1	22	40	52.55	17	47	4.3	Tr.	199	3	
22171	8	46.77	4	22	40	56.21	31	59	39.3	Tr.	87	8	
	8	46.56	1			56.36			36.8	Tr.	48	26	
22172	8	46.73	3	22	40	56.32	29	58	43.2	Mu.	61	77	
	9	47.71	3			56.38			42.5	Mer.	203	87	
	8	47.70	3			56.44			42.0	Mu.	131	114	
22173	9	47.71	1	22	40	56.63	30	20	4.9[11]	Mer.	203	88	[11] Decl. changed one wire interval north.
	7.8	47.79	1			57.39			0.0	Mu.	139	29	
	7.8	47.70	1			57.51			1.6	Mu.	131	115	
	8	46.73	3			57.63			0.1	Mu.	61	76	
22174	8	46.76	2	22	41	1.75	35	46	....	Tr.	86	10	
22175	8	47.79	5	22	41	4.07	30	39	10.4	Mer.	206	22	
	7.8	47.79	1			4.19			14.1	Mu.	139	28	
	10	46.73	3			4.23			13.7	Tr.	77	51	
22176	10	46.69	2	22	41	5.40	33	21	....	Tr.	66	70	
22177	9	47.72	1	22	41	6.70	26	20	26.6	Tr.	136	17	
22178	7	47.82	2	22	41	8.30	23	53	1.4	Mu.	144	50	
22179	9	48.66	2	22	41	8.41[12]	21	3	6.3	Tr.	188	3	[12] One of three threads rejected; R. A.=$9^{s}.20$.
	10	48.66	1			8.46			11.0	Mer.	145	1	
22180	9	48.67	3	22	41	9.47[13]	21	46	9.7	Tr.	189	8	[13] R. A. decreased 1 min.
22181	8	46.71	3	22	41	15.30	38	38	8.9	Mu.	57	40	
22182	5.6	46.72	4	22	41	36.99	33	35	46.5	Mu.	59	35	
22183	9	46.69	5	22	41	37.70	42	16	26.1	Mer.	57	48	
22184	9	47.54	1	22	41	41.42[14]	27	17	40.2	Mer.	195	171	[14] R. A. decreased one thread interval.
	9.10	46.71	2			41.73			33.4	Mer.	62	62	
	9	46.76	2			42.04			....[15]	Tr.	84	20	[15] Decl. changed one wire interval north.
22185	10	46.72	2	22	41	50.02	37	5	15.9	Tr.	74	44	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
22186	7.8	48.66	1	22	41	50.62 [1]	21	4	30.8	Tr.	188	4	[1] Time of transit assumed to have been recorded as thread VII of Tr. 188, No. 5.
	6	48.77	7			51.04 [2]			34.2	Mer.	152	4	
	9	48.65	1			51.10			35.0	Mu.	194	4	[2] R. A. decreased 20 sec.
	8	48.67	3			51.11			35.8	Mu.	200	7	
	9	48.66	2			51.19			35.0	Mer.	145	2	
	9	48.65	3			51.23			32.3	Tr.	187	2	
22187	8	46.76	2	22	41	55.41 [3]	32	37	12.7	Mu.	67	1	[3] Separate threads give $55^{s}.02$, $55^{s}.80$.
	8.9	46.77	4			55.68			11.0	Mu.	68	16	
22188	9	46.72	1	22	41	57.46	36	47	1.7	Tr.	74	45	
22189	11	46.71	1	22	41	57.99	38	14	32.1	Tr.	71	45	
22190	9	48.78	5	22	42	5.47	17	6	19.7	Mu.	208	86	
	9	48.79	3			5.61			....	Mer.	153	66	
	9	48.77	2			5.64			19.5	Mu.	206	5	
22191	10	46.69	1	22	42	10.48	33	13	....	Tr.	66	71	
22192	9	47.84	1	22	42	14.61	22	22	24.8	Tr.	145	21	
22193	4	46.78	4	22	42	29.10	39	56	57.5	Mer.	74	6	
	3.4	46.80	3			29.17			74.2 [4]	Mu.	74	23	[4] If micrometer reading be assumed as 37.743 instead of 37.543 rev., as recorded, Decl.= 61″.6.
22194	9	46.69	2	22	42	32.13	33	17	....	Tr.	66	72	
22195	8	47.84	1	22	42	32.53	23	30	13.6	Mu.	146	40	
	8	47.82	1			32.68			12.7	Mu.	144	51	
	9	47.82	1			32.69			15.9	Tr.	143	12	
22196	10	48.79	3	22	42	35.54	15	31	.... [5]	Tr.	205	51	[5] Decl. changed one wire interval north.
22197	9	46.70	6	22	42	39.70	28	4	42.6 [6]	Mer.	60	87	[6] Decl. changed one rev. south.
	8.9	47.70	4			39.71			43.0	Mer.	202	83	
	9	47.79	4			40.06			39.0	Tr.	138	16	
22198	9	46.69	5	22	42	43.33	42	22	30.1	Mer.	57	49	
22199	9, 10	46.77	1	22	42	43.50 [7]	37	54	12.3	Mu.	69	6	[7] Minute assumed.
22200	9	47.72	2	22	42	43.51 [8]	26	32	52.9	Tr.	136	18	[8] R. A. decreased 10 sec.
22201	9	47.71	2	22	42	45.53	27	14	24.6 [9]	Mer.	107	69	[9] Decl. changed one wire interval north.
	10	47.67	3			45.90			12.6 [10]	Tr.	127	33	[10] Decl. changed one wire interval north.
	9	47.54	1			46.02			9.8 [11]	Mer.	195	172	[11] Decl. changed one wire interval north.
	8	46.76	2			46.33			....	Tr.	84	21	
	9	46.77	7			46.55			11.9	Mer.	71	47	
	9	46.75	1			46.67			9.0	Mu.	66	28	
	9	46.71	1			46.72			11.8	Mer.	62	63	
22202	11	48.77	3	22	42	52.77	19	31	....	Tr.	200	1	
22203	5	46.73	3	22	43	3.84	30	19	46.2	Tr.	77	52	
	5.6	47.79	2			3.86 [12]			44.5	Mu.	139	30	[12] One of three threads rejected; R. A.=$4^{s}.92$.
	5	47.79	7			3.89			47.7 [13]	Mer.	206	23	[13] Decl. changed one wire interval north.
	7	46.73	2			3.92			45.8	Mu.	61	78	
	6	47.70	3			4.11			45.3	Mu.	131	116	
	..	47.71	2			4.19 [14]			47.8	Mer.	203	89	[14] R. A. decreased 1 min. One of three threads rejected; R. A.=$3^{s}.43$.
22204	6.7	46.73	7	22	43	8.37	24	33	32.5	Mer.	69	120	
	7.8	47.76	7			8.72			33.7	Tr.	137	18	
	7	46.68	2			8.80			....	Tr.	64	27	
	6.7	46.73	3			8.81			32.6	Mer.	70	48	
22205	8.9	46.77	3	22	43	9.15	32	45	16.8	Mu.	68	17	
22206	8.7	46.72	2	22	43	18.26	36	40	54.9	Tr.	74	46	
	8	46.70	4			18.30			57.7	Mu.	55	38	
22207	9	47.85	2	22	43	32.77	21	44	3.8	Tr.	147	6	
	9	48.67	4			33.02			2.3	Tr.	189	9	
22208	8	46.79	3	22	43	36.94	39	44	49.3	Tr.	94	30	
	7	46.80	1			37.17			47.1	Mu.	74	24	
22209	9	48.66	3	22	43	43.75	20	15	45.1	Mu.	198	1	
	11	48.65	4			43.82			47.6	Mer.	142	2	
	10	48.76	4			43.97			....	Tr.	198	3	
	9	48.67	1			44.11			43.5	Mu.	200	8	
22210	7	46.76	2	22	43	45.92	35	25	....	Tr.	86	11	
	7	46.70	3			46.10			42.6	Mu.	53	52	
22211	8	47.72	1	22.	43	48.60	24	49	19.4	Mu.	134	90	
22212	8	46.80	4	22	43	53.50	43	34	57.9	Mer.	76	14	
22213	9.	46.78	2	22	43	53.67	40	5	34.9	Mer.	74	7	
	7	46.80	1			53.74			41.8	Mu.	74	25	
22214	9	46.56	4	22	44	4.15	28	57	31.3	Mer.	46	56	
22215	8.9	46.77	2	22	44	7.10	32	37	38.5	Mu.	68	18	
	8	46.76	2			7.49			37.3	Mu.	67	2	
22216	10	48.77	4	22	44	8.42	19	34	....	Tr.	200	2	
22217	4	46.72	4	22	44	10.77	33	40	9.4 [15]	Mu.	59	36	[15] Decl. changed one rev. north.
22218	9	46.77	7	22	44	14.43	28	10	52.8	Mer.	72	60	
	9	47.70	5			14.49			55.0	Mer.	202	84	
	9	47.79	3			14.56			49.5	Tr.	138	17	
	9	46.70	6			14.65			54.1	Mer.	60	88	
22219	7	46.79	4	22	44	14.83	41	47	57.3	Mer.	75	13	
22220	7	47.84	2	22	44	17.49	22	30	5.9	Tr.	145	22	
22221	8	47.72	1	22	44	21.14	25	21	36.8	Mu.	134	91	
	8.9	46.73	6			21.17			36.4	Mer.	68	118	
	9	47.59	2			21.89			39.7 [16]	Mer.	196	110	[16] Decl. changed ten rev. south.
22222	9	47.72	1	22	44	21.30	26	22	31.4	Tr.	136	19	
22223	9	48.67	2	22	44	23.09	21	58	41.9	Tr.	189	10	
	9.10	48.69	2			23.10			42.9	Mu.	204	34	
	9	47.85	2			23.21			41.5	Tr.	147	7	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
22224	11	46.76	1	22	44	25.38	26	56	....	Tr.	84	22	
22225	7	47.71	1	22	44	25.68	29	58	34.2	Mer.	203	90	
	7	47.70	3			25.91			34.3	Mu.	131	117	
	8	46.73	3			26.14			35.0	Mu.	61	79	
22226	8	48.76	3	22	44	27.36	17	26	59.2	Tr.	199	4	
22227	7	47.72	2	22	44	27.33	25	53	26.5	Mer.	205	88	
	10	48.79	1			27.86			29.6	Mu.	209	75	
	9	47.84	1			28.12			31.1	Mer.	211	2	
22228	9	47.79	3	22	44	30.19	30	41	23.5	Mer.	206	24	
	9	46.73	1			30.27[1]			22.2	Tr.	77	53	[1] R. A. increased one thread interval.
	8.9	47.79	1			30.36			22.2	Mu.	139	31	
22229	10	46.72	2	22	44	31.41	36	53	25.9	Tr.	74	47	
22230	8	48.77	2	22	44	32.37[2]	20	51	47.0	Mer.	152	5	[2] One thread decreased 20 sec.
	9	48.66	4			32.57[3]			45.2	Tr.	188	5	[3] R. A. increased 1 min. Transit over thread VII assumed to belong to Tr. 188, No. 4.
	10	48.66	1			32.67			47.1	Mer.	145	3	
22231	8	48.76	1	22	44	33.65	19	49	....	Tr.	198	4	
	9	48.65	3			34.22			53.9[4]	Mer.	142	3	[4] Decl. changed four wire intervals north.
	..	48.66	2			34.32[5]			54.1	Mu.	198	2	[5] One of three threads rejected; R. A. $=32^{s}.11$.
22232	7	47.72	1	22	44	36.67	26	18	27.2	Mer.	205	89	
	7.8	47.72	2			37.34[6]			26.9	Tr.	136	20	[6] R. A. decreased 1 min.
	9	46.61	5			37.43			26.8	Mer.	50	42	
	9	46.72	1			37.63			31.8	Mer.	66	97	
	8	46.71	3			37.64			28.0	Mu.	56	91	
22233	9	46.56	3	22	44	39.37	31	1	4.3	Mu.	38	18	
	7	46.73	3			39.44			4.6	Tr.	77	54	
	8	47.79	1			39.74			6.9	Mu.	139	32	
22234	8	46.71	1	22	44	40.97	26	0	2.9	Mu.	56	92	
	8	47.59	1			41.07			9.6	Mer.	196	111	
	8	47.84	2			41.25			8.4	Mer.	211	3	
	7	47.72	1			41.33			13.2	Mer.	205	90	
	10	46.76	1			41.53			11.2	Tr.	85	5	
	9	46.72	3			41.66			6.1	Mer.	66	96	
	9	48.79	1			41.85			11.1	Mu.	209	76	
22235	10	46.69	2	22	44	44.58	33	14	....	Tr.	66	73	
22236	8	47.84	1	22	44	56.66	25	56	34.9	Mer.	211	4	
	8	48.79	1			56.71			35.3	Mu.	209	77	
	9	46.76	1			56.82			35.7	Tr.	85	6	
	8.9	46.72	1			57.03			32.2	Mer.	66	98	
	8	47.72	1			57.06			34.7	Tr.	136	21	
	8	46.71	1			57.21			31.4	Mu.	56	93	
	8	47.59	2			57.44[7]			39.3	Mer.	196	112	[7] One of three threads rejected; R. A. $=56^{s}.08$.
22237	7	46.80	1	22	44	58.03	40	12	59.1	Mu.	74	26	
	7	46.78	3			58.18			57.3	Mer.	74	8	
22238	8	47.84	2	22	45	7.52	23	26	10.4	Mu.	146	41	
	8	47.82	2			7.65			8.0	Mu.	144	52	
22239	11	46.77	1	22	45	10.89	31	41	4.9	Tr.	87	9	
22240	7	46.73	2	22	45	12.09	29	12	....	Tr.	79	38	
	6.7	46.73	2			12.11			40.8	Mu.	63	37	
	7	47.71	5			12.12			40.4[8]	Mer.	204	119	[8] Decl. changed ten rev. south.
	8.9	46.70	6			12.13			44.4	Mer.	58	57	
	8	47.71	3			12.13			39.1	Mu.	132	153	
	8	46.56	6			12.22			38.8	Mer.	46	57	
	7	46.73	2			12.27			....	Tr.	76	43	
22241	7	47.72	1	22	45	14.88	24	43	24.7	Mu.	134	92	
	7	46.68	2			14.98			....	Tr.	64	28	
	9	46.73	4			15.01			25.5	Mer.	69	121	
	7	46.74	4			15.12			23.6	Mer.	70	49	
	8.9	47.76	4			15.14			26.6	Tr.	137	19	
22242	7	51.74	4	22	45	15.09	17	57	40.1	Mu.	280	15	
22243	10	48.66	1	22	45	19.26[9]	20	51	50.7[10]	Mer.	145	4	[9] R. A. decreased one thread interval.
22244	10	46.72	1	22	45	20.15[11]	36	46	58.8	Tr.	74	48	[10] Decl. changed one rev. south.
22245	9	46.75	1	22	45	24.30[12]	27	46	41.4	Mu.	66	29	[11] R. A. decreased one thread interval.
	9	46.70	5			24.93			39.3	Mer.	60	89	[12] R. A. increased one thread interval.
	10	47.54	5			25.01[13]			38.3[14]	Mer.	195	173	[13] R. A. increased 10 sec.
	10	46.71	2			25.21			35.1	Mer.	62	64	[14] Decl. changed one rev. south.
22246	9	46.73	3	22	45	27.04	24	57	49.0	Mer.	69	122	
	8	46.73	2			27.46			47.8	Mer.	70	50	
22247	8	47.79	4	22	45	38.51	30	31	35.5	Mer.	206	25	
	8	47.79	1			39.09			34.9	Mu.	139	33	
22248	9	48.79	3	22	45	39.45	17	2	....	Mer.	153	67	
	10	48.77	2			39.56			11.0	Mu.	206	6	
22249	11	46.56	1	22	45	50.26	31	42	29.8	Tr.	48	27	
	10	46.77	3			50.31			34.4	Tr.	87	10	
22250	11	47.84	1	22	45	52.84	22	44	9.7	Tr.	145	23	
22251	9	46.56	2	22	45	54.98[15]	31	21	14.2	Mu.	38	19	[15] R. A. decreased 1 min.
22252	9	46.69	5	22	45	56.32	42	37	45.0	Mer.	57	50	
22253	9	48.76	2	22	45	57.11[16]	18	51	22.0[17]	Mer.	151	1	[16] One of three threads rejected; R. A. $=57^{s}.89$.
22254	10	48.66	1	22	45	58.01	21	10	22.6	Mer.	145	5	[17] Decl. changed one rev. north.
	8	48.66	2			58.15			21.1	Tr.	188	6	
	9	48.77	4			58.15			25.5	Mer.	152	6	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800 +		h	m	s	°	′	″				
22255	9	48.67	2	22	45	59.89	22	7	42.3	Tr.	189	11	
22256	8.9	48.65	3	22	46	2.40[1]	19	58	14.7	Mer.	142	4	[1] One of four threads rejected; R. A.=$1^{s}.59$.
	7	48.76	2			2.52			....	Tr.	198	5	
	6	48.66	2			2.90			19.1	Mu.	198	3	
22257	8	47.84	1	22	46	6.65	23	15	20.4	Mu.	146	42	
22258	7	47.59	1	22	46	8.77	25	46	47.5	Mer.	196	113	
	7	48.79	2			8.78			43.6	Mu.	209	78	
	8	46.72	2			8.81			40.0[2]	Mer.	66	99	[2] Decl. changed one wire interval south.
	8	46.76	3			9.02			45.7	Tr.	85	7	
	8	47.68	3			9.03			46.4	Tr.	129	55	
	7	46.73	7			9.04			45.6	Mer.	68	119	
	6	47.84	3			9.13			42.5	Mer.	211	5	
22259	9	48.76	2	22	46	17.09	17	49	43.7	Tr.	199	5	
22260	9	46.61	5	22	46	18.89	26	7	14.6	Mer.	50	43	
	8.9	47.72	2			19.16			14.9	Tr.	136	22	
	8	47.72	1			19.36			12.6	Mer.	205	91	
22261	8	48.77	1	22	46	23.74	21	38	40.7	Mer.	152	7	
22262	9	47.84	1	22	46	25.56	22	10	41.9	Tr.	145	24	
22263	9	46.73	3	22	46	25.90	30	6	48.0	Mu.	61	80	
22264	7	46.79	3	22	46	26.21	41	43	24.6	Mer.	75	14	
	8	46.71	5			26.60			28.4	Mer.	64	16	
22265	10	48.79	3	22	46	27.05[3]	15	48	....	Tr.	205	52	[3] One of four threads rejected; R. A.=$26^{s}.29$.
22266	8	46.70	6	22	46	27.07	27	44	16.4	Mer.	60	90	
	8	47.54	3			27.11			15.9[4]	Mer.	195	174	[4] Decl. changed ten rev. north.
	9	47.67	3			27.27[5]			15.0	Tr.	127	34	[5] R. A. increased 3 min.
	8	46.75	3			27.33			16.3	Mu.	66	30	
	3[6]	46.71	4			27.37			18.5	Mer.	62	65	[6] Gou gives mag. 8¼.
22267	6	48.77	..	22	46	41...	16	37	0.7	Mu.	206	8	
22268	9	46.56	5	22	46	41.64	28	38	51.5	Mer.	46	58	
	9	46.77	4			41.84			50.1	Mer.	72	61	
	9	47.79	3			42.05			47.4	Tr.	138	18	
22269	7.8	47.82	3	22	46	42.68	23	54	22.5	Mu.	144	53	
22270	5.6	47.82	3	22	46	48.00	23	9	18.0[7]	Tr.	143	13	[7] If micrometer reading be assumed as 3.47 instead of 3.27 rev., as recorded, Decl.=29″.1. AW gives 31″. Gou gives 34″.
	7	47.84	3			48.05			27.7	Mu.	146	43	
22271	7	48.77	5	22	46	48.80	17	3	56.4	Mu.	206	7	
	8	48.79	3			49.00[8]			....	Mer.	153	68	[8] One of four threads rejected; R. A.=$48^{s}.11$.
22272	5.6	46.72	3	22	46	48.91	37	11	14.9	Tr.	74	49	
	7	46.77	3			49.15			11.3	Mu.	69	7	
22273	10	48.65	1	22	46	54.12[9]	20	6	27.6	Mer.	142	5	[9] R. A. increased 10 sec.
22274	9	47.76	1	22	47	2.18	24	45	68.5[10]	Tr.	137	20	[10] If micrometer reading be assumed as 7.36 rev. instead of 7.56 rev., as recorded, Decl.=58″.4.
	7.8	47.72	2			2.34			60.8	Mu.	134	93	
	9	46.73	6			2.35			56.5	Mer.	69	123	
	8	46.73	3			2.35			62.2	Mer.	70	51	
	8	46.68	2			2.53			....	Tr.	64	29	
22275	8	47.79	2	22	47	3.35[11]	30	24	32.6	Mer.	206	26	[11] Two of four threads rejected; R. A.=$4^{s}.87$, $4^{s}.07$.
	7.8	47.70	1			3.90			37.1	Mu.	131	118	
	8.9	46.73	2			3.95			34.3	Mu.	61	81	
	7	47.79	2			4.07			34.1	Mu.	139	34	
	7.8	46.73	4			4.08			31.8	Tr.	77	55	
	7.8	47.71	4			5.01			31.9	Mer.	203	91	
22276	10	51.74	5	22	47	15.12	18	2	30.6	Mu.	280	16	
22277	9	48.67	2	22	47	15.81	21	59	9.4	Tr.	189	12	
22278	9	47.71	2	22	47	18.52[12]	29	47	20.6	Mer.	204	120	[12] R. A. increased 1 min.
22279	7	46.80	7	22	47	20.06	43	21	5.9	Mer.	76	15	
22280	5	46.79	3	22	47	20.21	41	53	49.6	Mer.	75	15	
22281	7	48.65	4	22	47	26.93	20	56	10.2	Tr.	187	3	
	8	48.67	5			27.11			12.4	Mu.	200	9	
	6.7	48.66	2			27.14[13]			15.5	Tr.	188	7	[13] One of three threads rejected; R. A.=$26^{s}.35$.
	8.9	48.66	3			27.23			17.0[14]	Mer.	145	6	[14] Decl. changed one rev. north.
	8	48.65	5			27.33			11.0	Mu.	194	5	
22282	8	46.80	3	22	47	29.92[15]	43	56	37.3	Mer.	77	36	[15] R. A. increased one thread interval.
22283	9	47.84	1	22	47	33.00	23	23	41.9	Mu.	146	44	
	8	47.82	1			34.11			41.7	Mu.	144	54	
22284	9	46.79	3	22	47	33.36	39	27	46.2	Tr.	94	31	
22285	6.7	46.77	6	22	47	33.97	32	25	53.4	Mu.	68	19	
	5.6	46.76	4			34.13			53.8	Mu.	67	3	
22286	4	46.69	2	22	47	37.73	33	20	....	Tr.	66	74	
22287	8	46.71	4	22	47	39.99	27	26	56.8	Mer.	62	66	
	8	47.67	3			40.07[16]			44.0[17]	Tr.	127	35	[16] R. A. increased 5 min.
	7.8	46.75	1			40.17			58.2	Mu.	66	31	[17] Decl. changed one wire interval south.
	8	47.54	3			40.35			56.2	Mer.	195	175	
22288	8	46.71	3	22	47	43.82	38	52	33.6	Mu.	57	41	
22289	8.9	46.77	1	22	47	46.47	37	28	34.8	Mu.	69	8	
22290	8.9	46.56	7	22	47	48.83	28	49	17.9	Mer.	46	59	
	8	46.73	3			48.85			17.6	Mu.	63	38	
	8	46.77	3			49.21			18.2	Mer.	72	62	
22291	10	48.66	1	22	47	50.52	21	19	44.6[18]	Mer.	145	7	[18] Decl. changed one rev. south.
	8	48.77	3			51.32			44.1	Mer.	152	8	
22292	8	46.72	2	22	47	52.03	34	40	....	Tr.	73	64	
22293	5.6	46.76	3	22	48	2.48	32	21	28.2	Mu.	67	4	
	6	46.77	4			2.58			35.6	Tr.	87	11	
	6.7	46.77	6			2.81			28.3	Mu.	68	20	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
22294	9	46.73	5	22	48	6.65	24	56	56.5	Mer.	69	124	
	8	46.73	2			6.78			55.7	Mer.	70	52	
	7	47.72	2			6.94			55.5	Mu.	134	94	
	10	47.76	2			7.18			58.4	Mer.	109	41	
22295	9	46.73	2	22	48	7.90	24	38	55.0	Mer.	69	125	
	8	46.68	2			8.09			....	Tr.	64	30	
	8	47.72	1			8.10[1]			57.5	Mu.	134	95	[1] R. A. decreased one thread interval.
	10	47.82	2			8.21[2]			56.3	Mer.	113	34	[2] One of three threads rejected; R. A.=$9^{s}.10$.
22296	8	47.71	2	22	48	14.09	29	24	21.0	Mer.	204	121	
	7	47.71	5			14.15			17.6	Mu.	132	154	
	9	46.70	5			14.22			16.4	Mer.	58	58	
	8	46.73	2			14.29			....	Tr.	76	44	
	7	46.73	2			14.31			....	Tr.	79	39	
22297	9	46.76	2	22	48	31.45	27	3	....	Tr.	84	23	
	9.10	46.77	2			31.63			10.9	Mer.	71	48	
22298	8	48.79	2	22	48	33.63[3]	15	47	....	Tr.	205	53	[3] One of three threads rejected; R. A.=$32^{s}.83$.
22299	9	47.70	2	22	48	39.48	28	24	17.3	Mer.	202	85	
	9	46.70	4			40.12			16.4	Mer.	60	91	
	10	47.79	1			40.38			13.7	Tr.	138	19	
22300	9	48.79	3	22	48	55.94	17	4	....	Mer.	153	69	
22301	9	47.79	1	22	48	58.97	28	33	33.5	Tr.	138	20	
22302	9	47.71	3	22	49	0.78	27	0	28.1	Tr.	133	54	
	9	47.71	3			0.86			34.2[4]	Mer.	107	70	[4] Decl. changed ten rev. north.
	7	46.76	2			1.08			....	Tr.	84	24	
	8	46.77	3			1.10[5]			34.6	Mer.	71	49	[5] "Doubtful observation." Two threads decreased 10 sec. each and one decreased one thread interval.
22303	9	48.67	2	22	49	6.36	21	58	30.9	Tr.	189	13	
22304	9	48.67	3	22	49	8.03	20	21	10.8	Mu.	200	10	
	9	48.65	4			8.10			9.9	Mu.	194	6	
	8	48.66	2			8.38			9.4	Mu.	198	4	
	10	48.65	2			8.52			11.4	Mer.	142	6	
22305	9	46.73	2	22	49	11.87	24	38	20.4	Mer.	69	126	
	8	46.73	2			11.94			20.4	Mer.	70	53	
	9	47.76	1			11.96			19.4	Tr.	137	21	
	9	46.68	2			12.07			....	Tr.	64	31	
	10	47.82	2			12.07			23.4	Mer.	113	35	
22306	9	47.79	1	22	49	15.39[6]	30	32	8.4	Mer.	206	28	[6] R. A. decreased 20 sec.
22307	9.10	46.71	2	22	49	18.96	27	35	49.9	Mer.	62	67	
	10	47.54	2			19.07[7]			47.1[8]	Mer.	195	176	[7] R. A. increased 20 sec.
22308	1	46.73	5	22	49	20.81	30	24	55.6	Tr.	77	56	[8] Decl. changed one rev. north.
	1.2	46.73	5			20.85[9]			56.2	Mu.	61	82	[9] R. A. decreased one thread interval.
	1	47.79	5			20.87			53.3[10]	Mu.	139	35	[10] Decl. changed five rev. south.
	1	47.71	7			21.06			55.8	Mer.	203	92	
	1	47.79	7			21.08			50.8	Mer.	206	27	
	1	47.70	3			21.14			57.6	Mu.	131	119	
22309	10	47.79	1	22	49	23.00	28	19	49.2	Tr.	138	21	
22310	8	46.71	4	22	49	26.28	38	44	6.0	Mu.	57	42	
22311	9	46.72	2	22	49	26.88	33	59	50.1	Mu.	59	37	
22312	9.10	48.69	2	22	49	27.04	21	28	8.4	Mu.	204	35	
	7	48.77	2			27.46			6.6	Mer.	152	9	
22313	9	46.61	5	22	49	27.87	26	14	50.1	Mer.	50	44	
	9	46.72	5			27.87			49.5	Mer.	66	100	
	8	47.72	7			27.98			46.1	Mer.	205	92	
	8.9	47.72	4			28.15			47.2[11]	Tr.	136	23	[11] Decl. changed one rev. south.
	9	46.71	2			28.23			50.7	Mu.	56	94	
22314	9	48.76	1	22	49	28.61	17	45	32.2	Tr.	199	6	
22315	9	46.76	2	22	49	28.90	35	47	....	Tr.	86	12	
22316	7	46.73	4	22	49	30.56—	28	45	60.8	Mu.	63	39	
	9	46.56	5			30.57			58.5	Mer.	46	60	
	7	46.77	7			30.63			62.6	Mer.	72	63	
22317	6	48.77	3	22	49	33.95	21	4	32.1	Mer.	152	10	
	7	48.66	3			34.04			30.4[12]	Tr.	188	8	[12] Decl. changed one wire interval north.
	9	48.66	3			34.09			28.8	Mer.	145	8	
	8	48.65	3			34.32			26.6	Tr.	187	4	
22318	8	48.76	2	22	49	35.53	17	20	5.1	Mer.	150	1	
22319	8	47.71	3	22	49	36.43	26	53	47.7[13]	Mer.	107	71	[13] Decl. changed one rev. north.
	8	47.71	3			36.50			46.2[14]	Tr.	133	55	[14] Decl. changed one wire interval south.
	8	46.77	4			36.66			48.9	Mer.	71	50	
	7	46.76	2			37.07			....[15]	Tr.	84	25	[15] Decl. changed one wire interval north.
22320	8	47.84	4	22	49	40.68	23	24	41.4	Mu.	146	45	
	7	47.82	3			40.84			38.9	Mu.	144	55	
	9	47.82	1			40.98			39.4	Tr.	143	14	
22321	9	48.78	2	22	49	41.75	17	54	14.0	Mu.	207	1	
22322	10	47.54	1	22	49	43.59	27	30	39.6[16]	Mer.	195	177	[16] Decl. changed one rev. north.
22323	8	46.80	3	22	49	45.58	39	54	41.2	Mu.	74	27	
22324	9	48.79	2	22	49	46.98	15	14	....	Tr.	205	54	
22325	10	47.79	1	22	49	47.28	28	10	9.0	Tr.	138	22	
22326	8	47.82	1	22	49	48.02	23	38	18.6	Mu.	144	56	
22327	8	47.84	1	22	49	55.63	22	50	8.5	Mu.	146	46	
	9	47.84	2			55.78			12.0	Tr.	145	25	
22328	10	48.79	1	22	49	57.20	25	48	4.2	Mu.	209	79	
	9	46.73	5			57.44			4.9	Mer.	68	120	
	9	47.84	2			57.52			6.4	Mer.	211	6	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
22329	10	48.76	2	22	49	57.52	19	9	59.5	Mer.	151	2	
22330	11	46.72	2	22	49	57.87	34	23	....	Tr.	73	65	
22331	10	48.65	1	22	50	1.91	19	46	20.7	Mer.	142	7	
	9	48.66	2			2.03			20.7	Mu.	198	5	
	11	48.76	3			2.43			....	Tr.	198	6	
22332	11	48.77	4	22	50	4.01[1]	19	30	....	Tr.	200	3	[1] One of five threads rejected; R A. $=5^{s}.21$.
22333	8	48.78	1	22	50	9.82	18	29	39.3	Mu.	207	2	
	5	51.74	5			10.09			36.4	Mu.	280	17	
22334	9	48.76	3	22	50	11.76[2]	19	11	31.2	Mer.	151	3	[2] R. A. increased 1 min.
22335	6.7	46.70	7	22	50	13.03	36	19	12.4	Mu.	55	39	
22336	10	48.79	3	22	50	13.09	16	42	....	Mer.	153	70	
	10	48.77	2			13.30[3]			20.8	Mu.	206	9	[3] One of three threads rejected. Record doubtful.
22337	9	48.67	2	22	50	17.30	21	59	53.1	Tr.	189	14	
22338	8	47.71	3	22	50	27.10[4]	29	6	25.3	Mer.	204	122	[4] R. A. decreased 1 min.
	7.8	47.71	3			27.18			20.4	Mu.	132	155	
	10	46.70	5			27.24			20.5	Mer.	58	59	
	8	46.73	2			27.41			....	Tr.	76	45	
	8	46.73	2			27.44			....	Tr.	79	40	
	9	46.56	3			27.49			21.3	Mer.	46	62	
22339	8.9	46.56	3	22	50	27.83	28	57	3.4	Mer.	46	61	
	9	46.73	1			28.00			2.6	Mu.	63	40	
	8	47.71	1			28.20			2.4	Mu.	132	156	
22340	10	47.82	2	22	50	29.96	24	29	49.8[5]	Mer.	113	36	[5] Decl. changed one wire interval north.
	9	47.76	1			30.09			52.8	Tr.	137	22	
	8	46.68	2			30.26			....	Tr.	64	32	
22341	9	47.72	2	22	50	34.33	25	56	55.5	Tr.	136	24	
22342	11	46.71	1	22	50	39.39	38	4	55.6	Tr.	71	46	
22343	9.8	47.76	1	22	50	40.68	24	15	4.1	Tr.	137	23	
	5	46.68	2			41.44			....	Tr.	64	33	
22344	9	47.72	1	22	50	49.84[6]	26	37	40.8	Tr.	136	25	[6] R. A. decreased one thread interval.
22345	8	48.67	1	22	50	51.08	21	41	29.5	Tr.	189	15	
	9	48.77	3			51.33			25.9	Mer.	152	11	
	9	47.85	3			51.45			28.0	Tr.	147	8	
	10	48.69	1			51.62			26.0	Mu.	204	36	
22346	8	48.76	2	22	50	52.76	17	20	49.1	Tr.	199	7	
	7	48.76	2			52.91			50.4	Mer.	150	2	
22347	7	48.78	1	22	51	13.13	17	57	45.2	Mu.	207	3	
	6	51.74	5			13.68			46.7	Mu.	280	18	
22348	7.8	47.82	2	22	51	15.08	23	37	55.4	Mu.	144	57	
22349	10	47.70	1	22	51	17.14	27	54	18.3	Mer.	202	86	
22350	10	46.77	3	22	51	17.47	31	45	17.7	Tr.	87	12	
22351	9	48.66	2	22	51	19.32	21	24	54.5	Tr.	188	9	
22352	5	47.79	1	22	51	22.22	30	15	53.7[7]	Mer.	206	29	[7] Decl. changed ten rev. north.
	7	47.79	3			22.47			53.9	Mu.	139	36	
	6	47.71	5			22.77			52.4	Mer.	203	93	
	6	47.70	5			22.98			54.2	Mu.	131	120	
	7.8	46.73	3			23.02			54.2	Mu.	61	83	
	6.7	46.82	4			23.02			53.1	Mu.	76	1	
22353	9	47.84	1	22	51	24.92	22	57	13.4	Mu.	146	47	
22354	9	46.73	6	22	51	29.75	24	53	59.1	Mer.	69	127	
	10	47.76	3			29.79			66.2[8]	Mer.	109	42	[8] Decl. changed five rev. north.
	9.10	46.73	2			29.82			58.1	Mer.	70	54	
	8.9	47.72	3			29.86			58.5	Mu.	134	96	
22355	9	46.77	1	22	51	30.62	31	55	45.4	Tr.	87	13	
22356	9	46.76	2	22	51	30.74	35	50	....	Tr.	86	13	
22357	9.10	48.79	2	22	51	38.40	16	54	....	Mer.	153	71	
22358	8	46.76	3	22	51	39.55[9]	32	29	5.2	Mu.	67	5	[9] One of four threads rejected; R. A. $=40^{s}.28$.
	9	46.77	3			40.27[10]			6.7	Mu.	68	21	[10] One of four threads rejected; R. A. $=39^{s}.45$.
22359	9	48.79	2	22	51	48.68[11]	17	11	....	Mer.	153	72	[11] R. A. decreased 1 min.
	9	48.77	4			48.77			34.9[12]	Mu.	206	10	[12] Decl. changed one rev. north.
22360	9	46.70	3	22	51	54.54	28	1	20.2	Mer.	60	92	
	9	47.79	1			55.06			14.3	Tr.	138	23	
22361	8	46.69	5	22	51	54.59	41	57	14.3	Mer.	57	51	
	5	46.79	7			54.97			7.9	Mer.	75	16	
22362	7	47.59	5	22	51	57.67	25	57	52.8	Mer.	196	114	
	6	47.72	5			57.92			45.7	Mer.	205	93	
	7.6	48.79	3			58.07			49.5	Mu.	209	80	
	5	47.68	4			58.09			47.2	Tr.	129	56	
	7	46.76	3			58.14			49.8	Tr.	85	8	
	5.6	46.72	3			58.15			47.9	Mer.	66	101	
	4	46.71	3			58.15			47.4	Mu.	56	95	
22363	8.9	47.72	1	22	51	59.09	25	20	48.8	Mu.	134	97	
	9	46.73	2			59.46			43.7	Mer.	68	121	
	9	47.84	3			59.46			48.9[13]	Mer.	211	7	[13] Decl. changed one wire interval north.
22364	9	47.54	3	22	51	59.46	27	28	4.9	Mer.	195	178	
	9.10	46.71	4			59.47			2.8	Mer.	62	68	
	9	46.75	2			59.51			5.6	Mu.	66	32	
22365	9	47.79	1	22	52	1.27	28	43	34.9	Tr.	138	24	
	9	46.73	1			1.65			30.7	Mu.	63	41	
	9	46.56	5			1.88			32.5	Mer.	46	63	
	9	46.77	4			1.95			33.3	Mer.	72	64	
	8	47.82	1			2.30			28.9	Mer.	209	32	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
22366	10	46.77	1	22	52	1.62	31	54	49.0	Tr.	87	14	
22367	10	47.67	3	22	52	2.01	27	36	36.5	Tr.	127	36	
	9.10	46.71	2			2.10			35.4	Mer.	62	69	
	10	47.54	2			2.28[1]			36.6[2]	Mer.	195	179	[1] R. A. increased 1 min.
22368	10	46.72	2	22	52	2.81	25	51	35.5	Mer.	66	102	[2] Decl. changed ten rev. south.
22369	7	47.70	1	22	52	4.12	27	53	58.3	Mer.	202	87	
	8	46.70	4			4.93			55.1	Mer.	60	93	
	6	46.59	2			4.98[3]			45.7	Tr.	50	21	[3] R. A. increased 1 min.
	8	46.75	1			5.04			58.1	Mu.	66	33	
	10	46.73	2			5.09			57.9	Tr.	81	52	
22370	8	47.71	3	22	52	9.41	26	56	61.5	Tr.	133	56	
	8	47.71	6			9.52			47.7[4]	Mer.	107	72	[4] If micrometer reading be assumed as 45.018 instead of 45.518 rev., as recorded, Decl. = 64″.9. Gou gives 66″. See note on No. 22458_1.
	7	46.77	2			9.59			60.0	Mer.	71	51	
	6	46.76	2			9.60			....	Tr.	84	26	
22371	8	46.72	2	22	52	9.43	34	32	....	Tr.	73	66	
22372	6	47.72	4	22	52	15.53	26	25	42.3	Mer.	205	94	
	7	46.61	5			15.71			40.7	Mer.	50	45	
	7	47.72	2			15.84			43.4	Tr.	136	26	
	4.5	46.71	2			15.92			42.5	Mu.	56	96	
22373	9	46.77	4	22	52	16.40[5]	32	23	45.5	Mu.	68	22	[5] One of five threads rejected; R. A. = $17^{s}.23$.
	8.9	46.76	1			16.91			45.6	Mu.	67	6	
22374	9	46.77	2	22	52	16.55	26	56	9.0	Mer.	71	52	
22375	7.8	47.84	1	22	52	21.54	23	19	48.1	Mu.	146	48	
	8	47.82	2			21.96			44.0	Tr.	143	15	
22376	9	47.79	1	22	52	24.43	28	40	27.5	Tr.	138	25	
22377	9	46.69	2	22	52	24.44	33	21	....	Tr.	66	75	
22378	9	46.76	2	22	52	26.79	35	34	....	Tr.	86	14	
22379	8	47.82	1	22	52	29.52	23	41	27.3	Mu.	144	58	
22380	9	47.85	2	22	52	30.86	21	36	55.3	Tr.	147	9	
	9	48.67	2			30.94			64.2	Tr.	189	16	
	8	48.77	2			31.22			62.0	Mer.	152	12	
22381	10	48.79	2	22	52	35.73	25	47	26.0	Mu.	209	81	
	9	47.84	2			35.98			30.7	Mer.	211	8	
	9	46.72	2			36.01			25.0	Mer.	66	103	
	10	47.68	1			37.02			31.1	Tr.	129	57	
22382	10	46.71	1	22	52	37.38	38	9	45.1	Tr.	71	47	
22383	9	48.79	1	22	52	43.84	15	14	....	Tr.	205	55	
22384	9	47.84	1	22	52	46.85	25	27	58.7	Mer.	211	9	
	8.9	46.73	4			47.17			53.5	Mer.	68	122	
22385	8	46.80	1	22	52	50.60	39	38	51.3	Mu.	74	28	
	10	46.79	3			51.02			50.7	Tr.	94	32	
22386	10	46.71	1	22	52	52.72	38	27	3.0	Tr.	71	48	
	9	46.71	4			52.76			5.8	Mu.	57	43	
22387	7	48.76	3	22	52	53.70	17	41	5.6	Mer.	150	3	
	8	48.76	2			54.05			5.6	Tr.	199	8	
22388	10	48.76	4	22	52	54.74[6]	20	8	....[7]	Tr.	198	7	[6] R. A. decreased 1 min.
	9	48.65	4			55.03			58.7	Mer.	142	8	[7] Decl. changed one rev. north.
	8	48.66	2			55.16			61.6	Mu.	198	6	
22389	9	46.61	1	22	53	4.50	26	48	0.2	Mer.	50	46	
22390	4.5	47.71	2	22	53	7.08	29	39	20.1	Mer.	203	94	
	6	47.70	3			7.11[8]			26.5	Mu.	131	121	[8] One thread decreased 5 sec.
	5	47.71	2			7.18			25.9	Mer.	204	123	
	7	47.71	5			7.27			25.5	Mu.	132	157	
	5	46.73	2			7.27			....	Tr.	76	46	
	7	46.70	6			7.47			27.8	Mer.	58	60	
	7.8	46.73	3			7.49[9]			26.7	Mu.	61	84	[9] One of four threads rejected; R. A. = $8^{s}.42$.
	6.7	46.82	4			7.53[10]			25.3[11]	Mu.	76	2	[10] One of five threads rejected; R. A. = $6^{s}.45$.
	4	46.73	2			7.58			....	Tr.	79	41	[11] Decl. changed one rev. south.
22391	9	46.77	3	22	53	11.30	37	33	33.9	Mu.	69	9	
22392	9	46.56	5	22	53	12.76	28	48	43.7	Mer.	46	64	
	8	47.82	3			12.86			44.4	Mer.	209	33	
	7.8	46.77	5			12.94			44.5	Mer.	72	65	
	8.9	46.73	2			13.10			44.6	Mu.	63	42	
22393	8	47.70	1	22	53	13.97	29	55	23.6	Mu.	131	122	
	8.9	46.73	2			14.30[12]			22.3	Mu.	61	85	[12] One of three threads rejected; R. A. = $15^{s}.59$.
22394	10	47.76	2	22	53	14.16	25	26	....	Mer.	109	43	
22395	10	46.72	2	22	53	18.41	25	52	40.1	Mer.	66	104	
22396	5.6	47.82	3	22	53	18.82	23	35	38.8	Mu.	144	59	
22397	10	46.72	1	22	53	19.81	36	52	52.1	Tr.	74	50	
22398	9	47.79	2	22	53	20.58	30	17	29.1[13]	Mer.	206	30	[13] Decl. interchanged with that of Mer. 206, No. 31.
	9	47.79	1			20.89			32.5	Mu.	139	38	
22399	9	47.79	1	22	53	22.54	30	35	16.5	Mer.	206	32	
	10	46.73	3			23.45			26.9	Tr.	77	57	
	8.9	47.79	1			23.69			26.1	Mu.	139	37	
22400	9	47.79	2	22	53	23.88	30	15	57.0[14]	Mer.	206	31	[14] See note on No. 22398_1.
	9	47.79	1			24.30			58.7	Mu.	139	39	
22401	10	48.76	1	22	53	28.80	19	6	37.2	Mer.	151	4	
22402	7	47.84	2	22	53	29.44	23	13	17.9	Mu.	146	49	
	8	47.82	3			29.53			20.1	Tr.	143	16	
22403	9.10	46.78	1	22	53	31.88	40	33	32.4	Mer.	74	9	
22404	9	46.71	4	22	53	42.29	41	0	54.9	Mer.	64	17	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
22405	10	48.76	2	22	53	43...[1]	19	1	3.0[2]	Mer.	151	5	[1] Separate threads give 43^{s}.88, 42^{s}.40. AW gives 44^{s}.5.
22406	9	48.66	3	22	53	51.20	21	0	58.7	Tr.	188	10	
22407	9	47.70	3	22	53	59.97	28	9	19.0	Mer.	202	88	[2] Decl. changed one wire interval north.
	9	46.70	6			60.13			20.1	Mer.	60	94	
	9.10	47.79	3			60.40			21.5	Tr.	138	26	
22408	9.10	46.72	2	22	54	6.24	25	53	55.9	Mer.	66	105	
	9	48.79	2			6.63			61.9	Mu.	209	82	
	8	47.84	2			6.71			63.0[3]	Mer.	211	10	[3] Decl. changed one rev. north.
	10	47.68	1			6.78			53.4	Tr.	129	58	
	7	47.72	3			6.81			57.7	Mer.	205	95	
22409	11	48.77	2	22	54	7.85[4]	19	16	....	Tr.	200	4	[4] One of three threads rejected; R. A.=9^{s}.10.
22410	5	46.72	1	22	54	12.57	37	13	32.8	Tr.	74	51	
	6.7	46.77	2			12.68			29.5	Mu.	69	10	
22411	9	48.66	2	22	54	18.31[5]	19	44	55.6	Mu.	198	8	[5] One thread increased 5 sec.
22412	8	46.68	2	22	54	23.65	24	23	....	Tr.	64	34	
	9	47.82	4			23.99			11.5	Mer.	113	37	
22413	9	48.66	2	22	54	25.27	21	20	12.2[6]	Tr.	188	11	[6] Decl. changed one rev. south. An equatorial comparison with CiZ 3885 gives 15″.
	10	48.66	1			25.59			0.2[7]	Mer.	145	9	
22414	9	46.77	1	22	54	33.77	37	17	18.2	Mu.	69	11	[7] Decl. changed ten rev. south. If instead Decl. be changed one wire interval south, Decl.=5″.0.
22415	7	48.77	1	22	54	38.45	19	20	....	Tr.	200	5	
22416	9	46.71	1	22	54	39.70	37	54	8.9	Tr.	71	49	
22417	8.9	47.79	1	22	54	41.89	30	39	26.7	Mu.	139	40	
	10	46.73	3			42.17			30.3	Tr.	77	58	
	9	47.79	1			42.38			26.0	Mer.	206	33	
22418	7	48.67	3	22	54	43.02	21	40	13.7	Tr.	189	17	
	6	48.77	4			43.14[8]			13.9	Mer.	152	13	[8] One of five threads rejected; R. A.=43^{s}.96.
	8	48.65	2			43.17			13.1[9]	Tr.	187	5	[9] Decl. changed one rev. north.
	7	48.69	4			43.39			15.0	Mu.	204	37	
	6	47.85	5			43.39			17.3	Tr.	147	10	
22419	8	46.72	2	22	54	49.71[10]	34	18	....	Tr.	73	67	[10] R. A. increased 1 min.
22420	9	47.84	1	22	54	52.49	23	25	7.2	Mu.	146	50	
	8	47.82	1			53.03			10.7	Mu.	144	60	
22421	9	46.77	3	22	54	57.57	31	56	56.4	Tr.	87	15	
22422	7	46.80	3	22	54	57.79	43	52	43.7	Mer.	77	37	
22423	9	48.78	2	22	54	58.61[11]	18	7	34.1	Mu.	207	4	[11] Separate threads give 58^{s}.97, 58^{s}.26.
	8	51.74	5			58.85			34.7	Mu.	280	19	
22424	10	46.69	2	22	54	59.72	33	24	....	Tr.	66	76	
22425	11	48.79	3	22	55	6.38	15	55	....	Tr.	205	56	
22426	6	46.79	4	22	55	6.70	39	14	24.3	Tr.	94	33	
	7	46.71	5			6.87			22.2	Mu.	57	44	
22427	4	46.76	2	22	55	11.06	35	33	....	Tr.	86	15	
22428	7	46.71	5	22	55	15.21[12]	41	37	23.2	Mer.	64	18	[12] Four of five threads increased 10 sec. each. Two apparently originally recorded as now reduced.
	5	46.79	7			15.28			26.5	Mer.	75	17	
22429	9	46.77	1	22	55	15.70[13]	37	32	46.6	Mu.	69	12	
22430	8	48.66	1	22	55	23.83	21	24	33.3	Tr.	188	12	[13] Gou and GZ give 13^{s}.1.
	8	48.77	2			24.04			32.6	Mer.	152	14	
	10	48.66	2			24.71			30.7	Mer.	145	10	
22431	10	48.66	1	22	55	24.76	20	7	3.8	Mu.	198	9	
	11	48.76	1			25.00			....	Tr.	198	8	
22432	7	47.67	3	22	55	29.96	27	37	9.2	Tr.	127	37	
	6.7	46.75	5			29.99			12.2	Mu.	66	34	
	8	47.54	5			29.99[14]			10.0	Mer.	195	180	[14] Two of seven threads rejected; R. A.=28^{s}.88, 28^{s}.47.
	8	46.71	7			30.04			10.3	Mer.	62	70	
22433	10	47.84	1	22	55	31.08	22	29	28.2[15]	Tr.	145	26	[15] Decl. changed one rev. north.
22434	9	46.71	5	22	55	31...[16]	41	37	25.2	Mer.	64	19	[16] Separate threads give 37^{s}.30, 36^{s}.73, 32^{s}.14, 31^{s}.11, 31^{s}.50. Decreasing the first two threads 5 sec. each, and rejecting the fourth one, R. A.=31^{s}.91.
22435	6.7	46.56	5	22	55	31.68	31	15	9.1	Mu.	38	20	
	6	47.70	2			31.93			9.6	Tr.	131	1	
22436	6.7	46.69	5	22	55	31.95	42	17	16.9	Mer.	57	52	
22437	9	47.72	3	22	55	36.22	26	14	32.0	Tr.	136	27	
22438	8	46.76	3	22	55	37.25	32	54	60.6	Mu.	67	7	
	8.9	46.77	5			37.38			58.5	Mu.	68	23	
	7	46.69	2			37.40			....	Tr.	66	77	
22439	9	47.79	1	22	55	45.96	28	7	4.5[17]	Tr.	138	27	[17] Assumed that the record III for vertical thread means horizontal wire 3.
22440	9	46.70	4	22	55	47.61	28	18	19.8	Mer.	60	95	
22441	8	46.77	3	22	55	47.76	26	33	44.6	Mer.	71	53	
	8	47.72	2			48.24[18]			44.8	Tr.	136	28	[18] R. A. increased 1 min.
	7	47.72	4			48.27			49.5	Mer.	205	96	
	8.9	46.61	4			48.32			44.6	Mer.	50	47	
	8	46.71	3			48.46			47.9	Mu.	56	97	
22442	10	47.59	1	22	55	49.32	25	50	29.0	Mer.	196	115	
	9	47.84	3			49.64			31.9	Mer.	211	11	
	10	48.79	2			49.71			32.4	Mu.	209	83	
22443	9	46.56	1	22	55	54.34[19]	31	14	50.5[20]	Mu.	38	21	[19] "Time of transit doubtful." GZ gives 56^{s}.4.
	10	47.70	2			56.33			23.7	Tr.	131	2	[20] If micrometer reading be assumed as 33.588 instead of 33.088 rev., as recorded, Decl.= 19″.0.
22444	10	46.77	2	22	55	55.82	34	36	....[21]	Tr.	88	1	
22445	9	46.73	3	22	55	57.61	29	2	40.2[22]	Mu.	63	43	
	9	46.70	6			57.63			40.1	Mer.	58	61	[21] Decl. changed one rev. north.
	8	47.82	5			57.69			39.6	Mer.	209	34	[22] Decl. changed five rev. south.
	8.9	46.56	7			57.74			42.1	Mer.	46	65	
	5.6	47.71	3			57.91			39.2	Mu.	132	158	
	7	47.71	3			57.95			40.0	Mer.	204	124	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
22446	7	47.84	3	22	55	59.99	23	31	4.2	Mu.	146	51	
	7	47.82	3			60.26			3.0	Mu.	144	61	
22447	9	46.72	3	22	56	0.17	33	50	51.8	Mu.	59	38	
22448	9.10	46.73	3	22	56	4.10	24	35	36.2	Mer.	70	55	
	9	46.68	2			4.45			....	Tr.	64	35	
	9	46.73	4			4.49			35.0	Mer.	69	128	
	10	47.82	2			4.59 [1]			35.4	Mer.	113	38	[1] R. A. decreased one thread interval.
22449	5	46.72	3	22	56	7.59	36	43	2.0	Tr.	74	52	
22450	8	47.79	1	22	56	8.57	31	5	43.6	Mu.	139	41	
	9	47.79	2			8.57			35.5 [2]	Mer.	206	34	[2] Decl. changed five rev. south.
	8	46.73	1			8.71			34.4	Tr.	77	59	
22451	7	47.82	2	22	56	8.86	23	2	21.9	Tr.	143	17	
22452	9	46.76	2	22	56	13.47	35	35	....	Tr.	86	16	
	9	46.70	1			13.76			37.5	Tr.	69	1	
22453	8	47.72	2	22	56	18.74	24	55	20.8	Mu.	134	98	
	10	47.76	3			19.10			22.7	Mer.	109	44	
22454	10	48.79	2	22	56	20.94	16	49	....	Mer.	153	73	
22455	9	47.72	2	22	56	21.81 [3]	24	55	44.0	Mu.	134	99	[3] One of three threads rejected; R. A. = 20^s.98.
22456	9	46.72	2	22	56	24.73	33	37	25.7	Mu.	59	39	
22457	8	47.72	2	22	56	27.53	26	29	27.7	Tr.	136	29	
	8.9	46.61	5			27.61			30.0	Mer.	50	48	
	7	47.72	3			27.64			34.7 [4]	Mer.	205	97	[4] Decl. changed ten rev. north.
	7.8	46.71	3			27.66			31.9	Mu.	56	98	
22458	9	47.71	6	22	56	30.60	26	59	21.2 [5]	Mer.	107	73	[5] If micrometer reading be assumed as 40.550 instead of 41.050 rev., as recorded, Decl. = 38″.4. See note on No. 22370_3.
	10	47.71	3			30.62			39.3	Tr.	133	57	
	9	46.77	2			30.64			31.4	Mer.	71	54	
	8	46.76	2			30.77			....	Tr.	84	27	
22459	7	47.70	1	22	56	42.20	27	56	38.4	Mer.	202	89	
	8	47.54	2			42.36			39.7	Mer.	195	181	
	6	47.67	2			42.41			38.3	Tr.	127	38	
	7.8	46.70	7			42.55			37.9	Mer.	60	96	
	5	46.59	3			42.62			34.3	Tr.	50	22	
	6.7	47.79	2			42.68			35.7	Tr.	138	28	
	6	46.75	2			42.69			38.1	Mu.	66	35	
	6.7	46.73	4			42.70			37.3	Tr.	81	53	
	8	47.80	5			42.83 [6]			37.1	Mu.	140	1	[6] One of six threads rejected; R. A. = 43^s.85.
22460	9	47.79	1	22	56	46.07	30	20	44.6	Mer.	206	35	
22461	8.9	47.82	1	22	56	50.91	23	57	49.8	Mu.	144	62	
22462	11	48.79	4	22	56	51.61	15	24	....	Tr.	205	57	
22463	9	46.73	2	22	56	54.90	29	17	....	Tr.	76	47	
	10	47.71	1			55.44			12.2	Mer.	204	125	
	7.8	47.71	1			55.79			10.2	Mu.	132	159	
22464	11	48.76	3	22	56	56.34	19	53	....	Tr.	198	9	
22465	9	46.73	3	22	56	56.80	24	38	57.4	Mer.	69	129	
	8	46.68	2			56.91			....	Tr.	64	36	
	8	46.73	2			56.96			57.6	Mer.	70	56	
22466	6	47.72	1	22	57	10.71 [7]	25	9	30.7	Mu.	134	100	[7] R. A. increased 1 min.
	8	46.73	2			11.02 [8]			30.3	Mer.	69	130	[8] One of three threads rejected; R. A. = 9^s.79.
	6	46.73	3			11.19 [9]			30.3	Mer.	70	57	[9] R. A. increased 1 min.
	6	46.73	5			11.27 [10]			27.6	Mer.	68	123	[10] R. A. increased 1 min.
22467	6	46.80	5	22	57	14.29	43	53	10.9	Mer.	77	38	
22468	6.5	48.78	4	22	57	16.10 [11]	17	53	9.3	Mu.	207	5	[11] One thread increased 10 sec.
	5	48.76	4			16.43 [12]			6.6	Mer.	150	4	[12] One of five threads rejected; R. A. = 15^s.70.
22469	8.9	46.77	2	22	57	16.22	31	37	8.6	Tr.	87	16	
22470	9	46.69	2	22	57	20.67	33	27	....	Tr.	66	78	
22471	10	48.66	1	22	57	21.74	21	26	42.4	Mer.	145	11	
	9	48.66	3			22.23			42.8	Tr.	188	13	
	8	48.77	3			22.47 [13]			44.4	Mer.	152	15	[13] One of four threads rejected; R. A. = 21^s.41.
22472	6	47.82	7	22	57	22.59	23	17	43.5	Tr.	143	18	
	7	47.84	3			22.68			40.9	Mu.	146	52	
22473	5	48.76	4	22	57	24.68	17	42	22.2	Mer.	150	5	
	6.7	48.76	3			24.83			22.3	Tr.	199	9	
22474	9	46.73	1	22	57	26.20	25	6	54.9	Mer.	69	131	
	9.10	46.73	2			26.22			53.6	Mer.	68	124	
22475	9	47.72	2	22	57	32.19	25	58	1.4	Tr.	136	30	
22476	7	46.80	2	22	57	32. . . [14]	40	13	36.0	Mu.	74	29	[14] Separate threads give 32^s.26, 33^s.16.
	8	46.78	7			32.79			33.3	Mer.	74	10	
22477	11	48.79	3	22	57	37.17	15	52	....	Tr.	205	58	
22478	10	48.76	2	22	57	42.52	19	10	8.9	Mer.	151	6	
	11	48.77	1			42.72			....	Tr.	200	6	
22479	9	46.79	2	22	57	50.98	39	37	5.5	Tr.	94	34	
22480	10	47.54	2	22	58	0.26	27	34	19.8	Mer.	195	182	
22481	10	47.82	1	22	58	8.98	24	39	2.0 [15]	Mer.	113	39	[15] Micrometer reading is identical with that of Mer. 113, No. 40. AW gives 16″. Gou gives 19″.
22482	8	47.84	2	22	58	13.24	22	44	40.7	Tr.	145	27	
22483	9	46.71	5	22	58	13.30	41	6	10.6	Mer.	64	20	
22484	9	47.79	2	22	58	20.35	28	16	2.2	Tr.	138	29	
22485	1.2	46.80	4	22	58	24.63	44	19	41.3	Mer.	77	39	
22486	8.9	47.79	2	22	58	26. . . [16]	26	58	47.3	Mu.	138	1	[16] Separate threads give 25^s.58, 27^s.85. AW gives 25^s.8.
	10	46.76	2			26.39			....	Tr.	84	28	
22487	9	46.56	5	22	58	28.98	31	25	16.5	Mu.	38	22	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
22488	6	46.79	3	22	58	31.59	39	42	7.3	Tr.	94	35	
	4.5	46.80	2			31.71[1]			6.0	Mu.	74	30	[1] One of three threads rejected; R. A.=$30^{s}.44$.
22489	4	46.68	3	22	58	36.85	24	33	....	Tr.	64	37	
	4.5	46.73	2			36.87			5.2	Mer.	70	58	
	5	46.73	4			36.91			7.5	Mer.	69	132	
	7	47.82	1			37.29			10.3	Mer.	113	40	
22490	11	48.76	2	22	58	38.79[2]	20	15	....	Tr.	198	10	[2] One of three threads rejected; R. A.=$39^{s}.85$.
	9	48.66	2			39.08			59.3	Mu.	198	10	
	9	48.65	3			39.22			59.8	Mu.	194	7	
22491	11	48.79	1	22	58	43.58	15	40	.....	Tr.	205	59	
22492	9	47.80	3	22	58	43.74	23	35	2.8	Tr.	141	1	
22493	9	48.76	1	22	58	45.78	17	27	0.2	Tr.	199	10	
22494	6	47.79	3	22	58	47.10	30	51	29.3	Mer.	206	36	
	5.6	46.73	6			47.28			31.2	Tr.	77	60	
	6.7	47.79	4			47.49			26.6	Mu.	139	42	
22495	11	47.70	2	22	58	48.54	31	14	26.1	Tr.	131	3	
22496	9	47.85	2	22	58	53.57	22	15	46.1	Tr.	147	11	
	9	47.84	1			53.86			41.0	Tr.	145	28	
22497	9	48.65	..	22	58	56...	20	40	38.1	Mu.	194	8	
	9.10	48.66	2			56.58			37.1	Mer.	145	12	
22498	9	47.84	1	22	58	59.85	23	1	34.0	Mu.	146	53	
22499	8	46.76	2	22	59	1.95	35	40	....	Tr.	86	17	
	8.9	46.70	2			2.05			32.7	Tr.	69	2	
22500	9	47.80	2	22	59	2.74	23	57	21.9	Tr.	141	2	
22501	9	48.66	2	22	59	3.78	21	16	38.4	Tr.	188	14	
22502	8	46.69	2	22	59	8.87	33	3	....	Tr.	66	79	
22503	8	46.70	2	22	59	10.61	35	1	12.6	Mu.	53	53	
22504	9	46.77	1	22	59	10.71	37	52	36.6	Mu.	69	13	
	10	46.71	1			10.83			38.0	Tr.	71	50	
22505	9	47.72	2	22	59	13.02	26	10	4.1	Tr.	136	31	
22506	8	46.76	2	22	59	17.40	32	36	65.9[3]	Mu.	67	8	[3] If micrometer reading be assumed as 26.745 instead of 26.445 rev., as recorded, Decl.= 47″.0.
	9	46.77	4			17.50			46.3	Mu.	68	24	
	9	46.82	3			17.59[4]			49.2	Mu.	77	1	
22507	8	46.72	2	22	59	18.26	36	52	55.2	Tr.	74	53	[4] One of four threads rejected; R. A.=$16^{s}.71$.
22508	9	46.61	4	22	59	19.63	26	24	16.9	Mer.	50	49	
	8.9	47.72	2			19.89			20.2	Tr.	136	32	
22509	8.9	47.79	2	22	59	22...[5]	27	0	44.2	Mu.	138	2	[5] Separate threads give $22^{s}.62$, $21^{s}.69$.
	10	46.76	2			22.27			....	Tr.	84	29	
22510	9	46.77	1	22	59	25.98	37	17	30.2	Mu.	69	14	
22511	9	46.73	2	22	59	26.83	29	23	....	Tr.	79	42	
	9	47.71	2			27.06[6]			42.1	Mer.	204	126	[6] Two of four threads rejected; R. A.=$23^{s}.87$, $27^{s}.89$.
	9	46.73	2			27.21			....	Tr.	76	48	
	8.9	47.71	2			27.66			39.6	Mu.	132	160	
22512	9	46.56	2	22	59	32...[7]	31	2	34.1	Mu.	38	23	[7] "Time of transit doubtful." Separate threads give $33^{s}.58$, $26^{s}.40$. Gou gives $32^{s}.8$.
	9	47.79	1			32.50			33.2	Mu.	139	43	
	9	46.73	1			32.51			34.4	Tr.	77	61	
	8	47.79	1			32.81			30.2	Mer.	206	37	
22513	9	47.80	1	22	59	54.54	23	53	19.5	Tr.	141	3	
22514	11	46.77	2	23	0	3.21	31	41	8.1	Tr.	87	17	
22515	10	48.66	1	23	0	3.49	21	24	4.0	Mer.	145	13	
	9	48.66	3			3.75			10.1	Tr.	188	15	
	10	48.77	2			4.05[8]			10.8	Mer.	152	16	[8] R. A. decreased 30 sec.
22516	11	48.67	2	23	0	4.44	20	0	....	Tr.	198	11	
	10	48.66	1			4.56			57.7	Mu.	198	11	
22517	7	46.70	7	23	0	13.32	29	37	57.3	Mer.	58	62	
	5	47.70	1			13.52			56.1	Mu.	131	123	
	5	46.73	2			13.53			....	Tr.	76	49	
	8.9	47.71	2			13.58			56.2	Mu.	132	161	
	6	47.71	4			13.59			56.0	Mer.	204	127	
	6.7	46.73	5			13.63			58.0	Mu.	61	86	
	6	46.73	2			13.67			....	Tr.	79	43	
	7	46.82	5			13.70			57.5	Mu.	76	3	
22518	10	47.84	1	23	0	16.57	22	24	45.3[9]	Tr.	145	29	[9] If micrometer reading be assumed as 6.46 instead of 6.16 rev., as recorded, Decl.= 60″.4. CiZ gives 63″.
22519	8	48.76	4	23	0	20.14[10]	17	51	59.2	Mer.	150	6	
	8	48.78	3			20.42			56.7	Mu.	207	6	
22520	7	48.76	2	23	0	22.72[11]	17	33	30.7	Mer.	150	7	[10] Two threads increased 10 sec. each.
	8	48.76	3			23.06			32.3	Tr.	199	11	[11] One of three threads rejected; R. A.=$23^{s}.48$. The two remaining threads increased 10 sec. each.
22521	9	46.71	4	23	0	28.17	41	4	24.4	Mer.	64	21	
22522	9	47.80	2	23	0	40.41	23	56	52.8[12]	Tr.	141	4	
22523	9	48.79	3	23	0	44.02	15	51	....	Tr.	205	60	[12] Decl. changed one wire interval south.
22524	9	48.77	3	23	0	46.53	19	33	....	Tr.	200	7	
22525	6	46.77	7	23	0	48.82	26	38	22.4	Mer.	71	55	
	6	47.79	2			48.88			25.9	Mu.	138	3	
	6	47.72	3			48.90[13]			29.1	Mer.	205	98	[13] R. A. decreased 1 min.
	6	46.71	4			48.93			28.4	Mu.	56	99	
	4	46.76	2			49.00			....	Tr.	84	30	
	6	47.71	4			49.01			24.5	Tr.	133	58	
	8	46.61	5			49.07			23.1	Mer.	50	50	
	6	47.72	3			49.10[14]			28.4	Tr.	136	33	[14] One thread decreased 10 sec.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
22526	9	47.70	1	23	0	51.99	27	57	52.5[1]	Mer.	202	90	[1] Decl. changed one rev. north.
	9.10	47.80	2			52. . .[2]			51.4	Mu.	140	2	[2] Separate threads give 52s.36, 53s.77.
	9	46.70	4			52.41			51.6	Mer.	60	97	
	9	47.79	3			52.61			51.1	Tr.	138	30	
22527	9	47.70	4	23	0	56.20	30	56	40.7	Tr.	131	4	
	8	46.73	4			56.45			44.1	Tr.	77	62	
	8	47.79	5			56.63			41.5	Mer.	206	38	
	7	47.79	2			56.68			42.8	Mu.	139	44	
	8.9	46.80	4			57.26			42.2	Mu.	75	1	
22528	10	47.76	2	23	1	6.17[3]	24	45	41.7	Mer.	109	45	[3] R. A. decreased 1 min.
	9	46.73	5			6.36			33.8	Mer.	69	133	
	10	47.82	1			6.45			41.2	Mer.	113	41	
	9.10	46.73	2			6.55[4]			38.8	Mer.	70	59	[4] R. A. decreased 1 min.
22529	7	46.69	2	23	1	7.35	32	58	. . . .	Tr.	66	80	
22530	9	47.71	3	23	1	16.29[5]	29	48	42.8	Mer.	203	95	[5] R. A. decreased 1 min.
22531	10	47.54	3	23	1	17.19	27	54	38.9[6]	Mer.	195	183	[6] Decl. changed five rev. south.
	9	47.70	1			17.22			36.9	Mer.	202	91	
	9	46.70	5			17.33			33.8	Mer.	60	98	
	9.10	47.80	2			17.79[7]			35.3	Mu.	140	3	[7] One of three threads rejected; R. A.=16s.60.
22532	4	47.85	5	23	1	26.63	21	59	4.1	Tr.	147	12	
	4	48.69	6			26.64			5.7	Mu.	204	38	
	6.7	48.66	5			26.66			7.0	Mu.	195	1	
	3	48.92	7			26.67			8.2	Mer.	156	1	
22533	11	46.77	1	23	1	30.22	31	43	13.9	Tr.	87	18	
22534	9	46.70	2	23	1	31.18	35	39	5.6	Tr.	69	3	
22535	4	46.80	5	23	1	36.94	43	40	22.2	Mer.	76	16	
22536	7.8	46.56	7	23	1	37.77	28	54	1.8	Mer.	46	66	
	6	47.82	3			37.80			4.3	Mer.	209	35	
	6	46.73	4			37.94			1.8	Mu.	63	44	
22537	7	47.82	1	23	1	38.39	23	54	46.7	Mu.	144	63	
	9	47.80	2			38.49			43.5	Tr.	141	5	
22538	7	46.71	5	23	1	47.70	41	24	5.3	Mer.	64	22	
22539	5	47.84	6	23	1	53.75	23	16	9.6	Mu.	146	54	
	4.5	47.82	7			53.81			12.6	Tr.	143	19	
22540	6	46.80	2	23	1	54.00	43	34	4.1	Mer.	76	17	
22541	7	46.77	2	23	1	54.76	34	43	. . . .	Tr.	88	2	
22542	9	48.79	3	23	1	56.00	15	19	. . . .[8]	Tr.	205	61	[8] Decl. changed one wire interval south.
22543	7.8	47.82	2	23	1	56.80	23	55	3.9	Mu.	144	64	
	9	47.80	2			56.99			3.6	Tr.	141	6	
22544	7	47.71	2	23	1	59.16	29	45	28.5	Mer.	203	96	
	8	47.71	1			59.59			31.6	Mer.	204	128	
	5.6	47.71	2			59.76			29.8	Mu.	132	162	
	8	47.70	1			59.78			24.1	Mu.	131	124	
	8	46.73	5			59.86			28.8	Mu.	61	87	
	8	46.70	4			59.97			29.5	Mer.	58	63	
	8	46.73	2			60.12			. . . .	Tr.	79	44	
	8.9	46.82	4			60.16			27.9	Mu.	76	4	
	6	46.73	2			60.40			. . . .	Tr.	76	50	
22545	8	46.70	5	23	2	2.03	36	12	40.4	Mu.	55	40	
	7.8	46.78	3			2.04			42.0	Mu.	71	1	
22546	9	48.77	3	23	2	7.75	19	30	. . . .	Tr.	200	8	
22547	9	47.72	1	23	2	8.16	26	18	3.6	Tr.	136	34	
22548	10	48.79	4	23	2	8.88[9]	17	0	. . . .	Mer.	153	74	[9] Three threads decreased 1 sec. each. Separate threads as recorded give 9s.60, 10s.05, 9s.82, 9s.04. AW gives 9s.0.
	9.10	48.77	4			9.02			0.0	Mu.	206	11	
22549	9	47.80	2	23	2	9. . .[10]	28	5	60.7	Mu.	140	4	
	8	46.77	4			9.01			60.9	Mer.	72	66	[10] Separate threads give 8s.45, 9s.73.
	9	46.70	4			9.05			58.5	Mer.	60	99	
	9	46.59	2			9.10			57.3	Tr.	50	23	
	9	47.79	5			9.32			56.6	Tr.	138	31	
	11	46.73	2			9.39			61.5	Tr.	81	54	
22550	8	48.78	1	23	2	10.00	18	15	32.5	Mu.	207	8	
22551	10	48.76	3	23	2	19.46	18	27	5.7	Mer.	151	7	
22552	9	46.73	1	23	2	20.15	25	3	49.9	Mer.	69	134	
	8.9	46.73	7			20.33			48.8	Mer.	68	125	
	8.9	46.73	3			20.54			46.8	Mer.	70	60	
	8.9	47.72	3			20.79			47.2	Mu.	134	101	
22553	8	46.73	1	23	2	23.75	29	14	. . . .	Tr.	79	45	
	9	46.70	2			23.96[11]			27.6	Mer.	58	64	[11] R. A. decreased 1 min.
	9	47.71	3			24.01			25.7	Mer.	204	129	
	7	47.71	1			24.21			23.8	Mu.	132	163	
22554	7	46.69	2	23	2	29.53	32	59	. . . .	Tr.	66	81	
22555	9	47.79	1	23	2	35.40	28	39	30.8	Tr.	138	32	
22556	8	47.79	2	23	2	35.61	30	43	46.1	Mu.	139	45	
	9	47.79	3			35.85			45.8[12]	Mer.	206	39	[12] Decl. changed ten rev. south.
22557	7.8	46.73	3	23	2	39.39	30	20	7.8	Mu.	61	88	
	5	46.73	2			39.39			6.7	Tr.	77	63	
	7	47.70	2			39.59			5.9	Mu.	131	125	
	6	47.71	1			39.63			6.3	Mer.	203	97	
	7	46.82	3			39.65			7.7	Mu.	76	5	
	7	47.79	1			39.76			5.0	Mu.	139	46	
22558	7	46.77	2	23	2	42.95	34	26	. . . .	Tr.	88	3	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
22559	9	48.78	1	23	2	43.85	18	22	26.1	Mu.	207	9	
22560	9	46.73	1	23	2	44.94	28	50	59.1	Mu.	63	45	
	9	47.82	2			45.12[1]			61.3	Mer.	209	36	[1] Separate threads give $44^{s}.75$, $45^{s}.49$.
22561	9	48.79	3	23	2	51.73	25	32	24.7	Mu.	209	84	
22562	9.10	48.69	2	23	2	52.09	21	49	47.5	Mu.	204	39	
	9	47.85	3			52.13			44.4	Tr.	147	13	
	9	48.66	2			52.20			50.1	Mu.	195	2	
	8	48.92	3			52.54[2]			47.7	Mer.	156	2	[2] R. A. increased one thread interval.
22563	11	48.67	2	23	2	55.38	19	44	....	Tr.	198	12	
22564	9	47.84	1	23	2	57.25	22	24	51.8	Tr.	145	30	
22565	8	47.79	1	23	3	2.69	30	48	52.0	Mu.	139	47	
	9	46.73	2			2.87			57.4	Tr.	77	64	
	9	47.79	2			2.91			53.2	Mer.	206	40	
22566	10	47.54	3	23	3	7.18[3]	27	43	38.8	Mer.	195	184	[3] Three of six threads rejected; R. A.=$4^{s}.43$, $4^{s}.20$, $1^{s}.46$.
	8.9	46.70	4			7.64			33.7	Mer.	60	100	
	7.8	46.75	4			7.66			35.4	Mu.	66	36	
	8.9	47.80	1			7.68			35.5	Mu.	140	5	
	7	47.67	3			7.70			33.7	Tr.	127	39	
	8.9	46.71	6			7.78			34.9	Mer.	62	71	
22567	8.9	46.75	3	23	3	9.27	27	42	10.2	Mu.	66	37	
	9	47.54	2			9.39[4]			11.5	Mer.	195	185	[4] One of three threads rejected; R. A.=$3^{s}.27$.
22568	9	48.76	2	23	3	18.49	17	18	25.9	Tr.	199	12	
22569	9	47.72	1	23	3	20.82	25	57	45.5	Tr.	136	35	
22570	10	48.79	2	23	3	21.22	15	59	....[5]	Tr.	205	62	[5] Decl. changed one wire interval south.
22571	10	48.79	2	23	3	30. . .[6]	17	3	....	Mer.	153	75	[6] Separate threads give $30^{s}.08$, $31^{s}.01$.
	9	48.77	1			30.35			38.2	Mu.	206	12	
22572	8	48.92	1	23	3	37.01	21	48	58.7	Mer.	156	3	
22573	9	47.84	1	23	3	43.76	22	32	54.3	Tr.	145	31	
22574	8	48.76	4	23	3	45.74	17	42	52.3	Mer.	150	8	
22575	10	48.79	3	23	3	51.09[7]	16	58	....	Mer.	153	76	[7] R. A. decreased four thread intervals.
	9	48.77	1			51.28			39.3	Mu.	206	13	
22576	10	47.79	2	23	4	2. . .[8]	28	29	41.6	Tr.	138	33	[8] Separate threads give $2^{s}.78$, $1^{s}.97$. Gou gives $2^{s}.6$. GZ gives $2^{s}.7$.
22577	10	46.72	5	23	4	6.35	26	13	5.3	Mer.	66	106	
	8	47.80	3			6.35			1.4	Mer.	110	1	
	9	46.71	1			6.49			7.8	Mu.	56	100	
	8.9	47.72	3			6.54			2.5	Tr.	136	36	
	8	47.72	4			6.73[9]			2.9[10]	Mer.	205	99	[9] One of five threads rejected; R. A.=$5^{s}.56$.
22578	8	47.76	1	23	4	27.99	24	37	64.6	Tr.	137	24	[10] Decl. changed one wire interval south.
	9	46.73	4			28.16			57.9[11]	Mer.	69	135	[11] Decl. changed one rev. north.
	7	46.68	3			28.22			....	Tr.	64	38	
	7	47.72	2			28.30			91.9[12]	Mu.	134	102	[12] If micrometer reading be assumed as 53.495 instead of 52.995 rev., as recorded, Decl.= 60″.6.
	8	47.82	3			28.36			62.2	Mer.	113	42	
	8	46.73	3			28.54			62.4	Mer.	70	61	
22579	8	48.78	1	23	4	28.08	18	10	5.9	Mu.	207	10	
22580	8	47.82	2	23	4	34.42	23	49	22.8	Mu.	144	65	
	8.9	47.80	3			34.68			19.2	Tr.	141	7	
22581	9	47.80	2	23	4	37.67	23	26	13.4	Tr.	141	8	
22582	9	48.66	2	23	4	42.22	21	22	47.7	Tr.	188	16	
	10	48.77	1			42.39			47.1	Mer.	152	17	
	10	48.65	2			42.40			41.2	Tr.	187	6	
22583	9	47.80	1	23	4	42.56	23	26	33.8	Tr.	141	9	
22584	9	47.84	2	23	4	47.38	22	45	8.9	Tr.	145	32	
	8	47.84	1			47.52			16.5	Mu.	146	55	
22585	6	46.69	2	23	4	49.46	33	7	....	Tr.	66	82	
22586	9	46.73	1	23	4	59.09	30	23	39.0	Mu.	61	89	
	8.9	47.79	1			59.31			36.0	Mu.	139	48	
	9	47.79	1			59.42			38.6	Mer.	206	42	
	9	47.71	1			60.25			42.6	Mer.	203	98	
22587	7	47.72	2	23	5	1. . .[13]	24	55	12.9	Mu.	134	103	[13] Separate threads give $1^{s}.28$, $2^{s}.16$.
	9	46.73	5			1.93			12.2	Mer.	69	136	
	8	46.73	3			2.19			12.1	Mer.	70	62	
22588	12	47.70	3	23	5	2.17	31	15	51.5	Tr.	131	5	
22589	8	47.72	2	23	5	9.54	26	21	53.2	Mer.	205	100	
	9	47.72	3			9.63			53.3	Tr.	136	37	
22590	8	47.79	4	23	5	10.98	30	52	10.7	Mer.	206	41	
	8	47.79	1			11.14			9.7	Mu.	139	50	
	7.8	46.73	5			11.16			10.9	Tr.	77	65	
	8	46.56	3			11.66			12.7	Mu.	38	24	
	8	46.80	5			11.80			10.0	Mu.	75	2	
22591	9	46.75	1	23	5	11.03	27	12	51.9	Mu.	66	38	
	11	47.71	3			11.31			55.0	Tr.	133	59	
	9	46.71	2			11.43			51.7	Mer.	62	72	
	9	47.79	4			11.49			53.7	Mu.	138	4	
	8	46.76	2			11.54			....	Tr.	84	31	
	8.9	46.77	6			11.69			53.4	Mer.	71	56	
	9	47.54	2			11.83			54.4	Mer.	195	186	
22592	7	46.73	2	23	5	12.06	29	13	....	Tr.	79	46	
	7	47.71	3			12.10[14]			36.2	Mer.	204	130	[14] One of four threads rejected; R. A.=$12^{s}.83$.
	9	47.82	2			12.18			43.0[15]	Mer.	209	37	[15] Decl. changed ten rev. south.
	8	46.73	2			12.25			....	Tr.	76	51	
	8.9	46.70	4			12.38			43.3	Mer.	58	65	
	8	47.71	4			12.46			36.2	Mu.	132	164	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
22593	8.9	48.76	4	23	5	20.24	19	11	6.0	Mer.	151	8	
	8	48.77	3			20.51			....[1]	Tr.	200	9	[1] Reduced for wire 3, 4 rev. instead of wire 4, 3 rev. as recorded.
22594	8	46.75	2	23	5	27. . .[2]	27	21	23.0	Mu.	66	39	
	9	47.67	3			27.86[3]			19.8	Tr.	127	40	[2] Separate threads give 28ˢ.63, 27ˢ.66.
	7	46.76	2			27.91			....	Tr.	84	32	[3] One of four threads rejected; R. A. = 29ˢ.15.
	8.9	46.71	3			27.98			20.8	Mer.	62	73	
	10	47.54	1			28.23			27.5[4]	Mer.	195	187	[4] Decl. changed seven rev. south.
22595	7.8	47.79	1	23	5	28.32	30	27	19.2	Mu.	139	49	
	8	47.79	2			28.37			19.3	Mer.	206	43	
	8	47.71	2			28.81			17.6	Mer.	203	99	
22596	9	48.78	1	23	5	34.67	18	11	1.3	Mu.	207	11	
22597	9.10	46.77	2	23	5	39.80	28	7	25.6	Mer.	72	67	
	9	47.79	4			40.05			17.2[5]	Tr.	138	34	[5] Micrometer rev. assumed.
	8	47.70	3			40.05			22.6	Mer.	202	92	
	9	46.70	5			40.11			20.1	Mer.	60	101	
22598	10	46.72	1	23	5	42.60	37	1	42.7	Tr.	74	54	
22599	9	48.76	2	23	5	46. . .[6]	17	44	13.0	Tr.	199	13	[6] Separate threads give 46ˢ.50, 47ˢ.60.
	9	48.76	3			46.66			18.0	Mer.	150	9	
22600	10	46.70	2	23	5	51.15	35	48	7.5[7]	Tr.	69	4	[7] Decl. changed one wire interval south.
22601	9	47.80	2	23	6	2.76	23	59	11.1	Tr.	141	10	
	8	47.82	1			2.82			13.0	Mu.	144	66	
22602	8	48.65	2	23	6	10.54	20	30	39.4	Mu.	194	9	
22603	9	46.71	4	23	6	17.09	41	15	8.8	Mer.	64	23	
22604	7	47.70	1	23	6	22.29	27	51	40.5	Mer.	202	93	
	9	46.70	4			23.00			39.5	Mer.	60	102	
	9	47.80	3			23.15			44.7	Mu.	140	6	
22605	7	48.76	2	23	6	22.69	17	43	31.8	Tr.	199	14	
	8	48.76	3			23.05			27.9	Mer.	150	10	
22606	9	47.84	1	23	6	24.02	23	11	27.9	Mu.	146	56	
22607	8	46.73	2	23	6	27.38	29	16	....	Tr.	79	47	
	8	46.73	2			27.42			....	Tr.	76	52	
	8	46.70	5			27.43			23.4	Mer.	58	66	
	8	47.71	1			27.43			24.9	Mer.	204	131	
	8	47.71	2			27.95			24.0	Mu.	132	165	
22608	11	46.77	2	23	6	32.42	31	57	21.6	Tr.	87	19	
22609	8	47.79	1	23	6	32.48	30	31	6.5	Mer.	206	44	
22610	10	48.66	2	23	6	36. . .[8]	19	41	21.4	Mu.	198	12	[8] Separate threads give 36ˢ.71, 35ˢ.35.
	10	48.67	4			36.12			....	Tr.	198	13	
	9	48.77	3			36.24			....	Tr.	200	10	
22611	9	48.65	..	23	6	38. . .	20	50	1.5	Mu.	194	10	
	9	48.66	4			38.06			6.2	Mer.	145	14	
22612	4	46.79	6	23	6	38.42	41	55	0.7	Mer.	75	18	
22613	7	46.80	1	23	6	39.22	39	59	37.2	Mu.	74	31	
22614	10	47.84	1	23	6	40.20	22	24	39.6	Tr.	145	33	
22615	8	47.80	3	23	6	42.68	26	22	41.8	Mer.	110	2	
	9	47.72	3			42.94			43.3	Mer.	205	101	
	8	47.72	4			42.98			42.7	Tr.	136	38	
	8	46.71	4			43.00			40.9	Mu.	56	101	
22616	10	47.82	1	23	6	46.04	24	38	53.5	Mer.	113	43	
	9	46.73	6			46.09			53.4	Mer.	69	137	
	9	46.73	4			46.22			52.8	Mer.	70	63	
	8	46.68	3			46.33			....	Tr.	64	39	
	8	47.72	1			46.72			51.6	Mu.	134	104	
22617	10	48.79	2	23	6	50. . .[9]	15	15	....	Tr.	205	63	[9] R. A. increased 1 min. Separate threads give 49ˢ.54, 50ˢ.82. Bo VI gives 50ˢ.3.
22618	..	48.79	1	23	6	53.73	26	1	56.1	Mu.	209	85	
	9	47.72	1			53.85			52.5	Tr.	136	39	
22619	9	48.74	2	23	6	59.02	17	3	11.2	Tr.	197	1	
	9	48.77	4			59.23			14.3	Mu.	206	14	
	10	48.79	4			59.63			....	Mer.	153	77	
22620	7.8	46.80	4	23	7	6.58	44	25	4.1	Mer.	77	40	
22621	9	46.72	1	23	7	7.07[10]	36	31	38.4	Tr.	74	55	[10] R. A. decreased one thread interval.
	9	46.78	1			7.69[11]			45.4	Mu.	71	2	[11] R. A. decreased one thread interval.
22622	9	47.54	2	23	7	9.54[12]	27	27	49.8	Mer.	195	188	[12] Separate threads give 9ˢ.90, 9ˢ.17.
	11	47.67	3			9.95[13]			50.7	Tr.	127	41	[13] R. A. decreased 2 min.
	9.10	46.71	2			9.95			46.7	Mer.	62	74	
22623	9	48.77	4	23	7	14.51	20	58	19.0	Mer.	152	18	
	10	48.65	3			14.83			19.1	Tr.	187	7	
22624	6.7	48.79	3	23	7	18.23	25	40	6.7	Mu.	209	86	
	8.9	46.76	2			18.24			6.1	Tr.	85	9	
	8.9	46.72	3			18.34			7.5	Mer.	66	107	
	8	47.59	1			18.41			7.6	Mer.	196	116	
	7	46.73	7			18.44			5.3[14]	Mer.	68	126	[14] Decl. changed five wire intervals south.
	5	47.84	7			18.55			6.1	Mer.	211	12	
22625	9	48.66	2	23	7	21.65	21	19	28.8	Tr.	188	17	
22626	9	48.76	2	23	7	22.71	17	29	42.7	Tr.	199	15	
	9	48.76	1			23.35			40.0	Mer.	150	11	
22627	9	46.70	3	23	7	22.87	36	1	25.5	Tr.	69	5	
22628	9	47.79	2	23	7	23.69	28	19	4.0	Tr.	138	35	
22629	6	47.79	3	23	7	37.33	30	39	49.5	Mer.	206	45	
	7	47.79	5			37.40			47.9	Mu.	139	51	
	5.6	46.73	4			37.43			47.2	Tr.	77	66	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
22630	11	48.79	1	23	7	38.13	15	21	....	Tr.	205	64	
22631	10	48.74	1	23	7	39.35	16	40	21.3	Tr.	197	2	
22632	8	47.70	2	23	7	39.46	27	59	44.6	Mer.	202	94	
	8.9	47.80	2			39.69			42.9	Mu.	140	7	
	9	47.79	1			39.72			42.6	Tr.	138	37	
	8.9	46.77	2			39.90			40.3	Mer.	72	68	
	9	46.59	3			39.98			40.6	Tr.	50	24	
	9	46.70	6			40.03			41.1	Mer.	60	103	
22633	9	47.84	1	23	7	40.83	22	39	54.7	Tr.	145	34	
22634	7	48.92	3	23	7	41.38	22	8	33.9	Mer.	156	4	
	8	47.84	1			41.54			30.3	Tr.	145	35	
	9	47.85	4			41.56			33.7	Tr.	147	14	
22635	9	47.79	2	23	7	43.39	28	37	35.7	Tr.	138	36	
22636	9	47.84	1	23	7	43.59	23	4	42.5	Mu.	146	57	
22637	9	46.72	1	23	7	47.27	36	32	8.7	Tr.	74	56	
	9	46.78	1			47.69			9.2	Mu.	71	3	
22638	9	46.78	2	23	7	48.34	40	5	11.4	Mer.	74	11	
22639	7	46.78	1	23	7	52.88	36	30	1.6	Mu.	71	4	
22640	8	46.71	1	23	7	54.93	37	56	8.8	Tr.	71	51	
22641	9	47.79	3	23	7	56.81	26	43	52.8	Mu.	138	5	
22642	9	46.71	5	23	8	0.29	41	28	51.8	Mer.	64	24	
22643	9	48.65	3	23	8	1.92	21	6	25.1	Tr.	187	8	
22644	9	46.77	2	23	8	3.98	32	19	52.0	Mu.	68	25	
	9.10	46.82	4			4.30			52.1	Mu.	77	2	
22645	11	48.67	1	23	8	4.78	20	32	59.6	Tr.	191	1	
22646	9	47.71	2	23	8	7.83	29	11	46.6	Mer.	204	132	
	7.8	47.71	2			8.10			34.2	Mu.	132	166	
22647	9	47.72	1	23	8	12.41 [1]	26	10	40.6	Tr.	136	40	[1] R. A. decreased 10 sec.
22648	10	46.77	2	23	8	13.46	34	29	....	Tr.	88	4	
22649	10	48.76	2	23	8	19.53	18	33	11.3	Mer.	151	9	
22650	9.10	46.71	2	23	8	20.26	27	10	56.4	Mer.	62	75	
	9.10	46.77	5			20.42			58.7	Mer.	71	57	
22651	9	47.80	3	23	8	23.19	26	17	13.9	Mer.	110	3	
	9	47.72	2			23.36			11.8	Tr.	136	41	
22652	8	47.54	1	23	8	27.43	27	53	53.6	Mer.	195	189	
	7	47.70	1			27.47			54.9	Mer.	202	95	
	8	47.80	3			27.61			54.2	Mu.	140	8	
	7	46.75	4			27.68			53.0	Mu.	66	40	
	7.8	46.70	6			27.77			53.7	Mer.	60	104	
	6	46.59	2			27.99			55.5	Tr.	50	25	
22653	9	46.78	1	23	8	28.99	36	10	40.8	Mu.	71	5	
22654	7	47.76	2	23	8	30.94	24	2	30.2	Tr.	137	25	
	7	47.80	4			31.00			30.7	Tr.	141	11	
22655	5	46.79	6	23	8	32.74	42	0	50.4	Mer.	75	19	
22656	7	47.71	3	23	8	35.24	29	30	5.2 [2]	Mer.	204	133	[2] Decl. changed two wire intervals north.
	6	46.73	2			35.34			....	Tr.	79	48	
	9	47.71	2			35.44			2.8	Mu.	132	167	
	7	46.73	2			35.52			....	Tr.	76	53	
	7.8	46.70	3			35.65			3.9	Mer.	58	67	
22657	8.9	46.73	4	23	8	36.18	25	24	55.4	Mer.	68	127	
	10	47.76	4			36.22 [3]			61.4	Mer.	109	46	[3] One of five threads rejected; R. A.$=37^{s}.23$.
	7	47.84	3			36.28			55.5	Mer.	211	13	
	7.8	47.72	1			36.34			57.7	Mu.	134	105	
	9	47.59	3			36.51			60.1	Mer.	196	117	
22658	8	48.92	2	23	8	38.29 [4]	22	0	1.9	Mer.	156	5	[4] R. A. increased one thread interval.
	9	48.66	3			38.31			2.4	Mu.	195	3	
	9	48.69	3			38.53			3.6	Mu.	204	40	
	9	47.85	2			38.97			1.4	Tr.	147	15	
22659	9	48.65	2	23	8	41.80	20	46	45.3	Mu.	194	11	
	10	48.66	3			41.99			46.8	Mer.	145	15	[5] Decl. changed ten rev. north.
22660	8	47.79	2	23	8	44... [6]	30	43	28.0	Mer.	206	46	[6] Separate threads give $45^{s}.19$, $44^{s}.34$.
	8.9	47.79	2			44.56			29.4	Mu.	139	52	
	9	46.73	4			44.70			28.7	Tr.	77	67	
22661	7	48.92	2	23	8	52.09 [7]	22	1	7.6	Mer.	156	6	[7] R. A. increased one thread interval.
	8	47.85	1			52.19			10.6 [8]	Tr.	147	16	[8] Decl. changed one rev. south.
	8.9	48.66	2			52.29			8.2	Mu.	195	4	
	8.9	48.69	2			52.49			7.3	Mu.	204	41	
22662	8	48.78	2	23	8	56.30	18	6	1.1	Mu.	207	12	
22663	9	47.71	3	23	8	57.27	30	7	15.8	Mer.	203	100	
22664	9	46.80	2	23	8	58.65	39	27	....	Tr.	96	1	
22665	11	46.69	2	23	9	2.55	33	18	....	Tr.	66	83	
22666	8	48.67	3	23	9	3.30	19	41	....	Mer.	147	1	
	8	48.65	3			3.37 [9]			29.0	Mer.	142	9	[9] R. A. decreased 1 min.
	7	48.67	5			3.52			....	Tr.	198	14	
	8	48.77	5			3.53			....	Tr.	200	11	
	8	48.66	4			3.67			27.4	Mu.	198	13	
22667	6	47.71	2	23	9	4.37 [10]	29	15	11.4	Mer.	204	134	[10] One of three threads rejected; R. A.$=3^{s}.51$.
	7	46.70	2			4.87			3.2	Mer.	58	68	
	6	46.73	2			5.05			....	Tr.	79	49	
	7	47.71	2			5.07			6.1 [11]	Mu.	132	168	[11] Decl. changed five rev. south.
	5	46.73	2			5.17			....	Tr.	76	54	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″		′		
22668	10	47.82	2	23	9	6.03	24	47	49.5	Mer.	113	44	
	8	46.68	2			6.13			....	Tr.	64	40	
	9	46.73	7			6.27			39.7	Mer.	69	138	
	8	47.72	1			6.42			42.6	Mu.	134	106	
	8.9	46.73	5			6.48			44.2	Mer.	70	64	
22669	8	48.66	3	23	9	12.11	21	30	3.6	Tr.	188	18	
	6	48.77	7			12.16			5.9	Mer.	152	19	
22670	9	46.78	2	23	9	12.22	40	41	14.7	Mer.	74	12	
22671	8.9	48.76	3	23	9	13.81	18	58	54.6	Mer.	151	10	
22672	9	46.70	2	23	9	15.57	27	46	49.7	Mer.	60	105	
	9.10	46.71	2			15.67[1]			51.0	Mer.	62	76	[1] R. A. decreased two thread intervals.
22673	7	47.82	2	23	9	30.19	23	37	60.0	Mu.	144	67	
	8	47.80	2			30.20			58.7	Tr.	141	12	
22674	11	46.72	1	23	9	33.82	36	51	43.7	Tr.	74	57	
22675	9	48.74	3	23	9	34.99	16	59	21.0	Tr.	197	3	
	9	48.79	5			35.34			....	Mer.	153	78	
	8.9	48.77	5			35.43			24.4	Mu.	206	15	
22676	9	46.77	2	23	9	40.58	34	15	....	Tr.	88	5	
22677	9	47.80	1	23	9	40.70	23	25	49.1	Tr.	141	13	
22678	8	47.72	2	23	9	44.88[2]	26	16	22.8	Tr.	136	42	[2] One of three threads rejected; R. A.=45ˢ.96.
	9	47.80	3			45.49[3]			26.1	Mer.	110	4	[3] R. A. decreased 1 min.
	8	47.72	4			45.55			23.1	Mer.	205	102	
	9.10	46.72	3			45.60			25.4	Mer.	66	108	
	9	46.71	1			46.44			24.5	Mu.	56	102	
22679	10	48.65	2	23	9	48.88	21	7	24.5	Tr.	187	9	
22680	3	46.79	3	23	9	52.17	41	38	15.3	Mer.	75	20	
	6	46.71	5			52.33			18.2	Mer.	64	25	
22681	10	46.69	2	23	9	57.53	33	13	....	Tr.	66	84	
22682	8.9	46.73	2	23	9	58.68	25	26	28.8	Mer.	68	128	
22683	9	46.73	2	23	10	2.32	25	29	16.9	Mer.	68	129	
22684	9.10	46.82	2	23	10	4.11	32	53	9.9	Mu.	77	3	
22685	11	48.74	1	23	10	8.37	17	9	58.6	Tr.	197	4	
	9	48.76	6			8.74			52.5	Mer.	150	12	
	9	48.76	2			8.84			49.9	Tr.	199	16	
22686	10	46.73	2	23	10	9.80	29	18	....[4]	Tr.	79	50	[4] Decl. changed one rev. north.
22687	8	47.59	2	23	10	23.85	25	49	17.6	Mer.	196	118	
	9	46.72	4			23.96			15.9	Mer.	66	109	
	9	48.79	3			23.98			15.7	Mu.	209	87	
	10	46.76	1			24.02			19.4	Tr.	85	10	
22688	8	47.71	2	23	10	25.58	29	17	40.6	Mer.	204	135	
	6.7	47.71	2			26.06			40.0	Mu.	132	169	
	9	46.70	2			26.12			39.2	Mer.	58	69	
	8	46.73	2			26.31			....	Tr.	76	55	
22689	12	48.79	1	23	10	29.92[5]	15	53	....	Tr.	205	65	[5] AG gives 26ˢ.0. AW gives 25ˢ.8.
22690	9	48.67	3	23	10	34.63	19	39	....	Tr.	198	15	
	6	48.66	2			34.93			39.2	Mu.	198	14	
	8	48.67	3			34.93[6]			....	Mer.	147	2	[6] R. A. increased 1 min.
	9	48.77	4			34.96			....	Tr.	200	12	
	8	48.65	4			35.01			41.8	Mer.	142	10	
22691	4	46.69	3	23	10	42.82	33	20	....	Tr.	66	85	
	3.4	46.72	3			43.10			52.3	Mu.	59	40	
22692	9	47.79	1	23	10	48.27	27	2	36.7	Mu.	138	7	
	9	46.76	2			49.06			....	Tr.	84	33	
22693	7.8	46.80	5	23	10	49.88	31	22	14.1	Mu.	75	3	
	8	47.70	2			50.19			16.5	Tr.	131	6	
22694	7	47.71	1	23	10	49.92	29	33	38.3	Mer.	204	136	
	6	46.73	2			50.08			....	Tr.	76	56	
22695	8	47.79	2	23	10	50.29[7]	26	45	41.9	Mu.	138	6	[7] One of three threads rejected; R. A.=51ˢ.21.
	8	46.77	6			50.88			42.5[8]	Mer.	71	58	[8] Decl. changed one rev. north.
	9	47.71	3			50.93			42.0	Tr.	133	60	
	9	47.71	4			50.95[9]			42.2	Mer.	107	74	[9] One of five threads rejected; R. A.=50ˢ.24.
22696	9	47.84	1	23	10	52.59	22	57	5.7	Mu.	146	58	
22697	9	47.71	2	23	10	59.76	29	55	49.4	Mer.	203	101	
22698	7	46.70	2	23	11	0.33	29	12	30.5	Mer.	58	70	
	6	47.71	1			0.47			31.7	Mer.	204	137	
	5.6	46.73	3			0.72			29.0	Mu.	63	46	
	6	46.73	2			0.77			....	Tr.	79	51	
	7.8	47.71	2			0.91[10]			26.9	Mu.	132	170	[10] R. A. decreased 1 min.
22699	9	47.54	1	23	11	2.69	27	12	56.9	Mer.	195	190	
22700	9.10	47.72	1	23	11	3.27	26	9	18.2[11]	Tr.	136	44	[11] Decl. changed two wire intervals north.
22701	9	47.80	2	23	11	3.72	26	17	44.5	Mer.	110	5	
	8.9	47.72	3			4.01			44.6	Tr.	136	43	
	8	47.72	3			4.09[12]			47.0	Mer.	205	103	[12] Two threads decreased 10 sec. each.
	9	46.71	1			4.15			48.2	Mu.	56	103	
22702	9.10	47.80	2	23	11	7.56	23	57	22.1	Tr.	141	14	
22703	9	46.73	2	23	11	7.94	25	5	64.0	Mer.	68	130	
	9	46.73	4			8.31			63.7	Mer.	69	139	
	10	47.76	4			8.34			65.3	Mer.	109	47	
	8.9	46.73	5			8.41			63.1	Mer.	70	65	
	9	47.72	2			8.52[13]			59.1	Mu.	134	107	[13] Separate threads give 8ˢ.14, 8ˢ.90.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
22704	6	46.78	4	23	11	12.04	39	58	38.5	Mer.	74	13	
	6	46.80	4			12.25			37.1	Mu.	74	32	
22705	8.9	46.72	2	23	11	14.65	36	56	52.9	Tr.	74	58	
22706	6.7	46.79	4	23	11	26.82	41	54	10.1	Mer.	75	21	
22707	9	47.79	1	23	11	29.57	30	52	29.0	Mu.	139	53	
	9	47.79	1			30.25			28.6	Mer.	206	47	
22708	9	46.71	1	23	11	29.86	27	16	21.3[1]	Mer.	62	77	[1] Decl. changed one wire interval north.
	9	47.54	2			29.90			21.3	Mer.	195	191	
	9	47.79	1			30.29			21.6	Mu.	138	8	
	8	46.76	2			30.34			. . . .	Tr.	84	34	
	9.10	46.77	3			30.43			20.9	Mer.	71	59	
	9	46.75	3			30.46			20.6	Mu.	66	41	
	10	47.67	2			30.47			17.5	Tr.	127	42	
22709	8.9	48.76	6	23	11	30.47	18	53	43.8	Mer.	151	11	
22710	9	48.67	3	23	11	33.11	19	22	. . . .	Mer.	147	3	
22711	5	46.77	2	23	11	35.44	34	31	. . . .	Tr.	88	6	
22712	9	46.73	1	23	11	35.99	29	33	. . . .	Tr.	76	57	
22713	7	46.80	2	23	11	36.87	39	15	. . . .	Tr.	96	2	
22714	9	48.66	4	23	11	37.14	21	31	17.3	Tr.	188	19	
	7	48.92	2			37.23			25.1	Mer.	156	7	
	7	48.77	7			37.34			17.7	Mer.	152	20	
	9	48.65	3			37.36			13.7	Tr.	187	10	
22715	9	46.79	3	23	11	37. . .[2]	32	10	24.9	Mu.	73	1	[2] Separate threads give $39^{s}.41$, $34^{s}.69$, $38^{s}.11$.
	9	46.82	1			37.23[3]			30.2	Mu.	77	4	[3] R. A. increased 10 sec.
	10	46.77	3			37.50			25.4	Tr.	87	20	
22716	9	47.59	1	23	11	38.73	25	59	39.3	Mer.	196	119	
	8.9	47.72	2			39. . .[4]			41.4	Tr.	136	45	[4] Separate threads give $39^{s}.55$, $32^{s}.89$.
22717	9	47.82	3	23	11	43.47	24	2	42.7	Mer.	113	45	
	7	47.82	3			43.58			42.3	Mu.	144	68	
	8	47.77	2			43.62			40.9	Tr.	141	15	
	7.8	47.76	4			43.64			39.7	Tr.	137	26	
22718	9	48.79	2	23	11	47.50	16	36	. . . .	Mer.	153	79	
	9	48.74	2			48.09			6.0	Tr.	197	5	
	8.9	48.77	4			48.44			5.5	Mu.	206	16	
22719	9	48.76	2	23	12	3.52	17	27	21.4	Tr.	199	17	
	9	48.76	4			3.71			19.2	Mer.	150	13	
22720	7	47.82	2	23	12	4.40	23	38	32.9	Mu.	144	69	
	8	47.77	2			4.65			33.7	Tr.	141	16	
22721	10	46.70	1	23	12	6.94	35	25	43.0	Tr.	69	6	
22722	7	46.80	6	23	12	7.39	43	58	6.4	Mer.	77	41	
22723	9	46.69	2	23	12	12.84	33	25	. . . .	Tr.	66	86	
22724	8	48.92	2	23	12	20.31[5]	21	45	47.3	Mer.	156	8	[5] One of three threads rejected, R. A =$21^{s}.06$.
22725	10	46.73	3	23	12	22.21	30	53	59.7	Tr.	77	68	
	8	47.79	1			22.24			60.4	Mu.	139	54	
	9	47.79	2			22.34			51.0[6]	Mer.	206	48	[6] "Declination bad."
22726	10	48.79	3	23	12	23.98	25	32	2.4	Mu.	209	88	
22727	7	46.80	2	23	12	26.07	39	18	. . . .	Tr.	96	3	
22728	9	48.67	2	23	12	31.41	20	50	45.2	Mu.	202	1	
	10	48.67	3			31.41			45.4	Tr.	191	2	
	9	48.66	3			31.45			44.1	Mer.	145	16	
	9	48.65	3			31.56			47.7	Mu.	194	12	
	7	48.65	1			31.70			45.6	Tr.	187	11	
22729	8	46.77	2	23	12	39.59	34	43	. . . .	Tr.	88	7	
22730	9	46.73	2	23	12	46. . .[7]	29	28	. . . .	Tr.	79	52	[7] Separate threads give $45^{s}.62$, $46^{s}.92$.
	10	46.73	2			46.32			. . . .	Tr.	76	58	
22731	9	47.72	1	23	12	47.19	25	58	27.3	Tr.	136	46	
22732	9	46.71	3	23	12	47. . .[8]	38	30	32.7	Mu.	57	45	[8] Separate threads give $48^{s}.12$, $46^{s}.88$, $47^{s}.45$.
	11	46.71	1			47.48			25.7	Tr.	71	52	
22733	9	46.73	1	23	12	52.97	28	29	52.0	Mu.	63	47	
	9	47.70	2			53. . .[9]			52.2	Mer.	202	96	[9] Separate threads give $53^{s}.37$, $52^{s}.25$.
	9	46.77	6			53.05			51.7	Mer.	72	69	
	9	47.79	4			53.06			50.9[10]	Tr.	138	38	[10] Decl. changed one wire interval north.
22734	10	48.65	4	23	12	53.29	20	3	22.7	Mer.	142	11	
22735	9.10	47.79	1	23	12	59.61	26	37	27.6	Mu.	138	9	
	10	46.76	2			59.66			. . . .	Tr.	84	35	
22736	8	48.66	3	23	13	1.13	19	48	32.2	Mu.	198	15	
	8	48.67	5			1.26			. . . .	Tr.	198	16	
22737	9	48.77	5	23	13	2.60	19	21	. . . .	Tr.	200	13	
	9	48.67	3			2.70			. . . .	Mer.	147	4	
22738	9	48.78	1	23	13	3.82	18	24	22.7	Mu.	207	13	
	9	48.76	2			3.93			24.3	Mer.	151	12	
22739	8	47.80	4	23	13	6.11	26	4	27.4	Mer.	110	6	
	8	47.59	2			6.12			29.9	Mer.	196	120	
	8.9	46.72	3			6.13			25.9	Mer.	66	110	
	8	47.72	2			6.19			29.3	Mer.	205	104	
	8	47.72	2			6.33			25.8[11]	Tr.	136	47	[11] Decl. changed two rev. north.
	8	46.71	4			6.35			26.2	Mu.	56	104	
22740	9	47.79	2	23	13	14.75	28	38	6.6	Tr.	138	39	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
22741	6	47.70	1	23	13	14.72	27	48	27.9	Mer.	202	97	
	6.7	46.70	7			15.19			27.3	Mer.	60	106	
	5	47.67	3			15.27			24.4	Tr.	127	43	
	7	47.80	6			15.32			27.3	Mu.	140	9	
	5.6	46.75	4			15.34			24.6[1]	Mu.	66	42	[1] Decl. changed five rev. south.
	7	47.54	4			15.40			27.5	Mer.	195	192	
	5	46.71	5			15.49			27.6	Mer.	62	78	
22742	9	46.80	5	23	13	15.58	31	23	59.0	Mu.	75	4	
	9	47.70	4			15.80			60.7	Tr.	131	7	
22743	10	46.72	2	23	13	23.55	36	48	15.3	Tr.	74	59	
22744	8	48.92	2	23	13	23.76	21	40	11.3	Mer.	156	9	
	8	48.77	1			24.23			4.9	Mer.	152	21	
22745	8.9	46.72	2	23	13	23.93	25	41	41.5	Mer.	66	111	
	8	47.59	1			23.95			47.0	Mer.	196	121	
	7	48.79	3			23.96			38.3	Mu.	209	89	
	9	47.68	3			24.06			38.9	Tr.	129	59	
	10	46.76	4			24.15			40.9	Tr.	85	11	
	8.9	46.73	4			24.25			41.8	Mer.	68	131	
22746	9	48.78	3	23	13	29.15	18	20	13.2	Mu.	207	14	
22747	8	46.77	2	23	13	31.02	34	28	....	Tr.	88	8	
22748	8	48.76	2	23	13	36.16	17	30	36.5	Tr.	199	18	
	7	48.76	2			36.20			34.0	Mer.	150	14	
22749	8	48.76	2	23	13	38.78	17	41	48.4	Mer.	150	15	
22750	8	48.77	2	23	13	38.84	21	6	59.8	Mer.	152	22	
	9	48.66	3			39.01			53.5	Tr.	188	20	
	10	48.66	3			39.13			68.1[2]	Mer.	145	17	[2] If micrometer reading be assumed as 42.955 instead of 42.655 rev., as recorded, Decl. = 57″.8.
	8	48.65	3			39.15			53.7	Tr.	187	12	
22751	11	46.77	2	23	13	43.27	32	15	51.2	Tr.	87	21	
	9	46.82	2			43.39[3]			49.2	Mu.	77	5	[3] One of three threads rejected; R. A. = $42^{s}.52$.
22752	9	46.73	5	23	13	46.12	24	51	5.9	Tr.	69	140	
22753	5	46.80	4	23	13	58.59	44	0	44.5[4]	Mer.	77	42	[4] If micrometer reading be assumed as 34.57 instead of 34.37 rev., as recorded, Decl. = 37″.6. Gou gives 33″.
22754	10	48.74	2	23	14	0.16	17	7	47.0[5]	Tr.	197	6	
	9	48.79	4			0.29[6]			....	Tr.	153	80	
	10	48.77	3			0.51			45.1	Mu.	206	17	[5] Decl. changed one wire interval north.
22755	9	46.71	5	23	14	0.47	41	20	12.6	Mer.	64	26	[6] R. A. decreased 1 min. and 10 sec.
22756	9	48.76	1	23	14	0.55	17	31	28.4	Mer.	150	16	
	9	48.76	1			0.88			33.5	Tr.	199	19	
22757	8.9	46.73	2	23	14	21.95	25	4	19.0	Mer.	68	132	
	9	46.73	5			22.12			18.2	Mer.	69	141	
	9	47.76	5			22.24			20.8	Mer.	109	48	
	8	46.73	6			22.25			17.2	Mer.	70	66	
	7.8	47.72	5			22.29			16.5[7]	Mu.	134	108	[7] Decl. changed ten rev. south.
22758	10	46.72	2	23	14	33.41	36	51	56.1	Tr.	74	60	
22759	8	47.54	2	23	14	34.00	27	18	10.6	Mer.	195	193	
	9.10	46.71	2			34.07			12.4	Mer.	62	79	
	9	46.76	2			34.42			....	Tr.	84	36	
	9.10	46.77	2			34.50			13.9	Mer.	71	60	
22760	10	47.79	1	23	14	39.97	28	17	6.4	Tr.	138	40	
22761	9	48.79	6	23	14	46.92	15	51	....	Tr.	205	66	
22762	10	48.65	1	23	14	51.43	20	30	38.4	Mer.	142	12	
	10	48.67	3			51.81			13.9	Tr.	191	3	
	9	48.65	3			51.87			14.9	Mu.	194	13	
	8	48.67	2			51.92[8]			14.8	Mu.	202	2	[8] R. A. decreased 1 min. and increased one thread interval. One of three threads rejected; R. A. = $51^{s}.16$.
22763	8	47.82	2	23	14	52.60	24	16	14.7	Mer.	113	46	
	6	46.68	2			52.70			....	Tr.	64	41	
	9	47.76	3			52.88			17.2	Tr.	137	27	
22764	10	48.78	2	23	14	56.07	17	59	58.2	Mu.	207	15	
22765	7	47.82	4	23	14	59.69	23	50	45.4	Mu.	144	70	
	8.9	47.77	3			59.81			45.1[9]	Tr.	141	17	[9] Decl. changed two rev. south.
22766	9	47.70	1	23	15	0.95	31	25	9.5	Tr.	131	8	
	9	46.80	2			1.10			14.3	Mu.	75	5	
22767	9	47.84	1	23	15	2.79	22	21	10.1	Tr.	145	36	
22768	9	46.80	2	23	15	2. . .[10]	31	14	22.8[11]	Mu.	75	6[12]	[10] R. A. decreased 10 sec. Separate threads give $0^{s}.42$, $2^{s}.47$.
	12	47.70	1			3.52			27.4[13]	Tr.	131	9	
22769	5	48.67	2	23	15	4.28	20	55	2.4	Mu.	202	3	[11] Decl. changed four rev. south. If micrometer reading be assumed as 37.125 instead of 37.525 rev., as recorded, Decl. = 10′ 36″.2, agreeing with GZ 440; R. A. = $1^{s}.4$, Decl. = 10′ 35″.
	4.5	48.65	2			4.86			8.6	Tr.	187	13	
	5.6	48.67	1			4.89			1.6	Tr.	191	4	
	4	48.77	5			4.93			4.4[14]	Mer.	152	23	
	4	48.65	. .			5. . .			3.2	Mu.	194	14	
	4.5	48.66	3			5.01			6.8	Tr.	188	21	[12] "One between this and Mu. 75, No. 5, invisible at times," probably CPD–31° 6770 = GZ 440.
	4	48.66	4			5.28			9.5	Mer.	145	18	
22770	9	46.70	2	23	15	4.94	35	22	48.3	Tr.	69	7	[13] Decl. changed one wire interval south.
22771	9	47.82	1	23	15	7.64	24	12	46.6	Mer.	113	47	[14] Decl. changed ten rev. north.
	9	47.76	1			8.14			48.1	Tr.	137	28	
	8	46.68	2			8.20			....	Tr.	64	42	
22772	8	47.84	1	23	15	10.86	22	8	10.1	Tr.	145	37	
	10	48.66	2			11.22			12.2	Mu.	195	5	
	8	48.92	3			11.46[15]			11.9	Mer.	156	10	[15] Separate threads give $11^{s}.40$, $11^{s}.96$, $11^{s}.01$.
22773	9	46.77	2	23	15	11.28	34	22	....	Tr.	88	9	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
22774	8	46.73	3	23	15	16.08	25	26	4.7	Mer.	68	133	
	8	47.68	3			16.10			13.9[1]	Tr.	129	60	[1] Decl. changed two rev. south.
	9	46.76	3			16.11			8.3	Tr.	85	12	
	8	48.79	4			16.15			7.9	Mu.	209	90	
	10	47.76	1			16.28			13.1	Mer.	109	49	
	8	47.59	2			16.39			10.9	Mer.	196	122	
22775	8	48.76	2	23	15	21. . .[2]	17	21	33.3	Mer.	150	17	[2] Separate threads give $20^{s}.54$, $21^{s}.59$.
	9	48.76	2			21.85			29.6	Tr.	199	20	
22776	. .	47.54	1	23	15	22.30	27	12	54.5	Mer.	195	194	
	8.9	47.79	3			22.52			52.2	Mu.	138	10	
	9	47.71	5			22.55			50.9	Mer.	107	75	
	9.10	46.71	2			22.66			53.2	Mer.	62	80	
	9	46.75	2			22.75			51.1	Mu.	66	43	
	10	47.67	2			22.92			52.5	Tr.	127	44	
	9	46.77	4			22.92			52.1	Mer.	71	61	
	9	46.76	2			23.02			. . . .	Tr.	84	37	
22777	8	46.73	2	23	15	27.45	29	29	. . . .	Tr.	79	53	
	8.9	46.70	4			27.46			31.2[3]	Mer.	58	71	[3] If micrometer reading be assumed as 42.33 instead of 42.53 rev., as recorded, Decl. = 38″.1.
	6.7	47.71	3			27.48			37.8	Mu.	132	171	
	7	46.73	2			27.53			. . . .	Tr.	76	59	
	8	47.71	4			27.82			34.3	Mer.	204	138	
22778	3	46.80	4	23	15	31.07	43	56	56.2	Mer.	77	43	
22779	8	47.71	2	23	15	33.49	29	49	23.4[4]	Mer.	203	102	[4] Decl. changed nine rev. south.
	8.9	47.70	2			33.61			21.1	Mu.	131	126	
22780	9	46.70	1	23	15	40.71	35	25	31.7	Tr.	69	8	
22781	7.8	46.77	4	23	15	41.87	31	56	0.1	Tr.	87	22	
22782	9	46.70	3	23	15	42.42	29	24	19.2	Mer.	58	72	
	8	47.71	2			42.51			11.0	Mer.	204	139	
	8	46.73	2			42.57			. . . .	Tr.	76	60	
	7.8	47.71	2			42.58			19.3	Mu.	132	172	
	8	46.73	2			42.63			. . . .	Tr.	79	54	
22783	8	46.77	2	23	15	43.86	34	11	. . . .	Tr.	88	10	
22784	9	47.79	2	23	15	46.05[5]	30	27	41.0	Mer.	206	49	[5] R. A. increased 10 sec. One of three threads rejected; R. A. = $45^{s}.20$.
22785	8.9	47.77	3	23	15	48.15	23	25	56.5	Tr.	141	18	
	9	47.82	7			48.29			55.5	Tr.	143	20	
	8	47.84	2			48.36			56.8	Mu.	146	59	
	7.8	47.82	2			48.40[6]			54.9	Mu.	144	71	[6] Separate threads give $48^{s}.01$, $48^{s}.80$.
22786	8	48.66	2	23	15	50. . .[7]	19	55	53.1	Mu.	198	16	[7] Separate threads give $51^{s}.87$, $50^{s}.81$.
	10	48.65	1			50.93			52.8	Mer.	142	13	
	8	48.67	5			51.39			. . . .	Tr.	198	17	
22787	10	46.80	2	23	15	55.61	39	13	. . . .	Tr.	96	4	
22788	8	46.70	1	23	15	55.83	35	7	15.3	Mu.	53	54	
22789	11	48.74	1	23	15	56.21	16	41	28.5	Tr.	197	7	
22790	9	48.76	3	23	16	0.14	18	36	42.5	Mer.	151	13	
22791	8	46.70	7	23	16	1.99	28	6	12.1	Mer.	60	107	
	8.9	47.80	4			2.12			14.7	Mu.	140	10	
	5	46.75	2			2.16			. . . .	Tr.	82	1	
	7	46.77	4			2.20			28.4[8]	Mer.	72	70	[8] If micrometer reading be assumed as 37.75 instead of 37.35 rev., as recorded, Decl. = 14″.6.
	7	47.70	7			2.22			16.5	Mer.	202	98	
	8	47.79	3			2.34			14.7	Tr.	138	41	
22792	8	47.84	1	23	16	2.50	23	9	2.0	Mu.	146	60	
22793	9	46.82	2	23	16	8.24[9]	32	8	50.0	Mu.	77	6	[9] One of three threads rejected; R. A. = $10^{s}.26$.
22794	7	47.84	2	23	16	9.71	22	35	38.2	Tr.	145	38	
22795	10	48.76	3	23	16	12.63	18	31	16.0	Mer.	151	14	
22796	8	48.77	3	23	16	13.37	19	30	. . . .	Tr.	200	14	
	8.9	48.67	3			13.65			47.7	Mer.	147	5	
22797	10	46.76	2	23	16	14.98	26	41	. . . .	Tr.	84	38	
22798	7.8	46.71	1	23	16	19.04	38	1	22.8	Tr.	71	53	
22799	9.10	47.80	3	23	16	21.00	26	2	51.6	Mer.	110	7	
	9	47.59	1			21.04[10]			53.3	Mer.	196	123	[10] R. A. increased one thread interval.
	10	46.72	2			21.22			49.6	Mer.	66	112	
	8	47.72	3			21.74			49.9	Mer.	205	105	
	9	47.72	2			21.98			51.3	Tr.	136	48	
22800	10	48.79	2	23	16	30.49	16	59	. . . .	Mer.	153	81	
	10	48.74	2			30.73			53.2	Tr.	197	8	
22801	9	48.78	2	23	16	32.33[11]	18	8	30.3	Mu.	207	16	[11] One of three threads rejected; R. A. = $31^{s}.54$.
22802	8	48.67	1	23	16	33.09	21	51	29.9	Tr.	189	18	
	8	48.92	4			33.27			32.7	Mer.	156	11	
22803	9	46.71	5	23	16	33.13	41	13	58.1	Mer.	64	27	
22804	9	46.77	2	23	16	34.36	34	15	. . . .	Tr.	88	11	
22805	8.9	47.72	2	23	16	34.63[12]	26	11	26.5	Tr.	136	49	[12] Separate threads give $34^{s}.25$, $35^{s}.02$.
22806	9	47.79	1	23	16	42.27	28	32	48.6	Tr.	138	43	
22807	9.10	48.66	2	23	16	42.90	21	12	45.3	Mer.	145	19	
	8	48.66	2			42.95			46.2	Tr.	188	22	
	7	48.77	3			43.01			45.8	Mer.	152	24	
	7	48.65	2			43.04			42.9	Tr.	187	14	
22808	8.9	47.80	3	23	16	43.29	28	10	26.3	Mu.	140	11	
	6	46.75	2			43.68			. . . .	Tr.	82	2	
	7.8	46.70	5			43.76			23.7	Mer.	60	108	
	6.7	46.77	5			43.77			26.7	Mer.	72	71	
	8	47.79	3			43.83			19.3	Tr.	138	42	
	7	47.70	3			43.86			25.2	Mer.	202	99	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
22809	9	47.84	1	23	16	43.54	22	48	16.6	Tr.	145	39	
22810	11	46.69	2	23	16	50.34	33	17	....	Tr.	66	87	
22811	8.9	48.66	4	23	16	52.14	22	15	57.9	Mu.	195	6	
	9	47.85	2			52.32			57.4	Tr.	147	17	
	7	48.92	2			52.50			55.1	Mer.	156	12	
22812	9.10	47.79	2	23	16	52.16	26	49	51.4	Mu.	138	11	
22813	10	48.66	2	23	16	57.25	21	6	12.7 [1]	Mer.	145	20	[1] Decl. changed one rev. north.
	..	48.77	2			57.46 [2]			16.1	Mer.	152	25	[2] One thread decreased one thread interval.
	8	48.66	1			57.56			14.0 [3]	Tr.	188	23	[3] Decl. changed two rev. south.
22814	7.8	46.80	2	23	17	1.74	44	40	53.0	Mer.	77	44	
22815	8	47.84	1	23	17	2.53	23	19	30.5	Mu.	146	61	
	7	47.82	2			2.59			31.9	Mu.	144	72	
	8	47.82	4			2.75			27.8	Tr.	143	21	
22816	9	47.72	2	23	17	6.14	26	15	4.8	Tr.	136	50	
22817	7.8	46.72	3	23	17	8.03	37	0	30.7	Tr.	74	61	
22818	9	47.79	1	23	17	12.47	28	32	48.8	Tr.	138	44	
22819	9	48.76	2	23	17	13.14	18	26	57.5 [4]	Mer.	151	15	[4] Decl. changed one rev. north.
22820	9	47.82	2	23	17	13.25	24	14	34.0	Mer.	113	48	
	8	46.68	2			13.27			....	Tr.	64	43	
22821	7	47.79	5	23	17	25.86 [5]	30	49	46.1	Mer.	206	50	[5] Two of seven threads rejected; R. A.=$24^{s}.91$, $24^{s}.79$.
	7	47.79	2			25.92			47.9	Mu.	139	55	
	7	46.73	7			25.99			49.7	Tr.	77	69	
22822	9	47.80	1	23	17	34.94	23	58	26.3	Tr.	141	19	
22823	9.10	46.82	1	23	17	34.06 [6]	30	22	24.6	Mu.	76	6	[6] "Time of transit doubtful."
	8	47.79	1			36.72			24.9	Mer.	206	51	
	8.9	47.71	5			37.11			21.5	Mer.	203	103	
22824	10	47.71	3	23	17	37.83	26	45	34.9 [7]	Mer.	107	76	[7] Decl. changed one rev. south.
22825	9	47.84	1	23	17	38.25	22	28	48.1	Tr.	145	40	
22826	9	46.69	2	23	17	45.40	33	4	....	Tr.	66	88	
22827	9	47.80	1	23	17	51.44	24	1	46.1	Tr.	141	20	
22828	6	48.77	1	23	17	59.13	21	25	54.6	Mer.	152	26	
22829	8.9	47.84	2	23	18	4.19	23	20	37.4	Mu.	146	62	
	7.8	47.82	1			5.23			33.4	Mu.	144	73	
22830	9.10	46.82	2	23	18	8.23	32	41	56.3	Mu.	77	7	
22831	5	48.66	1	23	18	9.27	21	27	46.2	Tr.	188	24	
	5.6	48.65	3			9.55 [8]			43.8	Tr.	187	15	[8] R. A. increased 1 min.
	4	48.77	2			9.71			45.4	Mer.	152	27	
22832	10	48.74	2	23	18	11.87	16	57	59.3	Tr.	197	9	
	10	48.79	1			11.97			....	Mer.	153	82	
22833	6	47.79	2	23	18	12.65	28	14	58.0	Tr.	138	45	
	6	46.77	7			12.77			54.0 [9]	Mer.	72	72	[9] Decl. changed one wire interval south.
	7	47.80	5			12.83			58.1	Mu.	140	12	
	7.8	46.70	6			12.84			57.5	Mer.	60	109	
	6	46.75	2			12.97			....	Tr.	82	3	
	7	47.70	4			12.99			56.4	Mer.	202	100	
22834	9	46.76	2	23	18	13.21	27	19	....	Tr.	84	39	
	10	46.71	5			13.19			14.3	Mer.	62	81	
22835	10	48.65	3	23	18	15.52	20	11	49.5	Mer.	142	14	
	11	48.67	3			15.75			....	Tr.	198	18	
	9	48.66	2			15.81			51.4	Mu.	198	17	
22836	7	48.92	2	23	18	20.32 [10]	22	15	12.8	Mer.	156	13	[10] Separate threads give $19^{s}.92$, $20^{s}.71$.
22837	8	47.82	1	23	18	25.14	23	53	44.2	Mu.	144	74	
	8.9	47.80	2			25.47			42.9	Tr.	141	21	
22838	9	47.80	1	23	18	27.33	23	33	57.0	Tr.	141	22	
22839	12	48.79	1	23	18	28.11	15	31	....	Tr.	205	67	
22840	9	48.66	2	23	18	37.06	22	0	53.0 [11]	Mu.	195	7	[11] Decl. changed one rev. south.
	6	48.92	3			37.15			51.7	Mer.	156	14	
	8	48.67	3			37.23			53.2	Tr.	189	19	
22841	6	47.84	1	23	18	40.60	22	33	52.7	Tr.	145	41	
22842	10	48.77	1	23	18	44.30	17	6	9.2	Mu.	206	18	
	10	48.74	1			44.34			9.4	Tr.	197	10	
	7	48.76	3			44.43			9.0	Mer.	150	18	
	10	48.79	3			44.59			....	Mer.	153	83	
22843	9.10	47.80	4	23	18	57.03	26	30	4.7	Mer.	110	8	
	9	47.72	3			57.42 [12]			1.6 [13]	Tr.	136	51	[12] R. A. increased 1 min.
	9.10	47.72	2			57.51 [14]			3.1	Mer.	205	106	[13] Decl. changed two rev. north.
22844	7	47.84	1	23	19	5.78	23	32	57.1	Mu.	146	63	[14] One of three threads rejected; R. A.=$55^{s}.99$.
	7	47.82	2			6.24			52.7	Mu.	144	75	
	8	47.80	2			6.34			53.3	Tr.	141	23	
22845	9	47.84	1	23	19	9.14	22	53	50.6	Tr.	145	42	
22846	8	48.92	1	23	19	9.38	22	2	37.0	Mer.	156	15	
22847	10	48.67	1	23	19	17.79	19	39	39.0	Mer.	147	6	
22848	8	46.73	3	23	19	21.11	28	52	12.1	Mu.	63	48	
22849	8.9	46.71	5	23	19	27.42	41	4	17.2	Mer.	64	28	
22850	9.10	46.82	2	23	19	30.56	32	27	45.1	Mu.	77	8	
	9	46.79	2			30.77			46.4	Mu.	73	2	
22851	7	46.77	3	23	19	34.30	28	6	11.8	Mer.	72	73	
	8	46.70	7			34.31			11.1	Mer.	60	110	
	8	47.80	4			34.59			11.6	Mu.	140	13	
	8	47.79	4			34.60			11.5	Tr.	138	46	
	7	46.75	2			34.61			....	Tr.	82	4	
	8	47.70	3			34.65			10.6	Mer.	202	101	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
22852	8	47.72	1	23	19	35.94	25	17	49.0	Mu.	134	110	
	9	46.73	5			35.99[1]			51.0	Mer.	69	142	[1] R. A. increased 1 min.
	8	48.79	4			36.00			48.2	Mu.	209	91	
	8.9	46.73	6			36.07			46.8	Mer.	68	134	
	9	46.76	1			36.10			49.6	Tr.	85	13	
	8	46.73	3			36.24			48.0	Mer.	70	67	
	8	47.59	3			36.74[2]			50.5	Mer.	196	124	[2] One of four threads rejected; R. A.=$35^{s}.78$.
22853	10	46.76	2	23	19	37.41	26	47	....	Tr.	84	40	
22854	9	47.72	2	23	19	37.46	25	3	45.1	Mu.	134	109	
22855	7	46.72	2	23	19	37.73	34	27	....	Tr.	73	68	
	6	46.77	2			37.77			....	Tr.	88	12	
22856	9	46.78	2	23	19	44.70	36	26	44.5	Mu.	71	6	
22857	9	46.82	3	23	19	45.18	30	20	38.9	Mu.	76	7	
	8	47.79	3			45.29			39.5	Mu.	139	56	
	9	46.73	3			45.50			36.7	Tr.	77	70	
	8	47.79	2			45.81[3]			37.9	Mer.	206	52	[3] One of three threads rejected; R. A.=$44^{s}.90$.
	8	47.71	3			45.81[4]			38.5	Mer.	203	104	[4] R. A. increased 1 min. One of four threads rejected; R. A.=$47^{s}.14$.
	8	47.70	1			45.96			33.8	Mu.	131	127	
22858	9	47.67	3	23	19	47.24	27	30	7.3	Tr.	127	45	
	9	46.71	2			47.45			12.1	Mer.	62	82	
	8	46.75	3			47.61			12.4	Mu.	66	44	
	8	47.54	3			47.86[5]			13.4	Mer.	195	195	[5] R. A. increased 20 sec.
22859	11	48.67	2	23	19	51.06	20	42	27.0	Tr.	191	5	
22860	6.7	46.78	2	23	19	57.06	36	22	11.2[6]	Mu.	71	7	[6] Decl. changed ten rev. south.
22861	8	47.54	2	23	19	57.70	27	16	43.2	Mer.	195	196	
	8	47.79	5			58.44			38.9	Mu.	138	12	
	9	46.71	2			58.45			41.0	Mer.	62	83	
	8	47.71	4			58.47			41.6	Mer.	107	77	
	8	46.77	6			58.68			41.6	Mer.	71	62	
	7.8	46.75	2			59. . .[7]			39.1	Mu.	66	45	[7] Separate threads give $58^{s}.84$, $59^{s}.77$.
22862	9	47.80	1	23	19	58.72	23	39	31.6	Tr.	141	24	
22863	8	48.66	2	23	20	2.13	20	32	16.0	Mer.	143	1	
	10	48.67	2			2.45[8]			13.6	Mu.	202	4	[8] Separate threads give $2^{s}.81$, $2^{s}.10$.
	10	48.67	1			2.72			17.7	Tr.	191	6	
22864	10	47.70	2	23	20	6.58	31	39	47.3	Tr.	131	10	
	9	46.80	2			6.74			43.1	Mu.	75	7	
	8	46.77	3			6.74			41.2	Tr.	87	23	
22865	7	46.80	2	23	20	18.66	39	28	....	Tr.	96	5	
22866	9	46.71	5	23	20	20.13	38	34	51.5	Mu.	57	46	
22867	9	46.78	1	23	20	27.36	36	4	49.2	Mu.	71	8	
22868	8	46.80	2	23	20	28.41	39	9	....	Tr.	96	6	
22869	6.7	46.71	3	23	20	29.43[9]	26	14	42.8	Mu.	56	105	[9] One of four threads rejected; R. A.=30^{s} 36.
	7	47.80	5			29.43			42.8	Mer.	110	9	
	8	46.72	5			29.55			43.5	Mer.	66	113	
	7	47.72	2			29.63			42.0	Tr.	136	52	
	7	47.72	5			29.71			44.1[10]	Mer.	205	107	[10] Decl. changed one wire interval south.
22870	8	48.77	2	23	20	34.52	20	58	39.5	Mer.	152	28	
22871	8	48.77	1	23	20	35.04	21	17	29.3	Mer.	152	29	
	8	48.66	2			36.10			22.4[11]	Tr.	188	25	[11] Decl. changed one rev. south.
	10	48.66	2			36.17			26.5[12]	Mer.	145	21	[12] Decl. changed one rev. south.
	8	48.65	3			36.25			23.1	Tr.	187	16	
22872	9	47.84	2	23	20	47.07	22	17	39.0	Tr.	145	43	
	8	48.92	2			47.20			37.5	Mer.	156	16	
	9	48.92	5			47.61			36.4	Mu.	212	1	
22873	9.10	46.82	2	23	20	50. . .[13]	32	12	46.0	Mu.	77	9	[13] Separate threads give $50^{s}.79$, $49^{s}.50$.
	8	46.77	1			51.07			45.5	Tr.	87	24	
	9	46.79	2			51.09			45.9	Mu.	73	3	
	8	46.76	2			51.14			44.3	Mu.	67	9	
22874	10	47.80	1	23	20	59.84	26	18	57.9	Mer.	110	10	
	10	46.72	2			59.88			59.9	Mer.	66	114	
	9	47.72	2			59.97			54.1	Tr.	136	53	
22875	9	47.80	1	23	21	2.42	24	10	28.9	Tr.	141	25	
22876	9.10	46.73	4	23	21	4.32	25	10	16.1	Mer.	68	135	
	9	46.73	3			4.45			18.4	Mer.	69	143	
22877	8	46.70	5	23	21	8.90	29	5	18.0	Mer.	58	73	
	7	46.73	2			8.99			....	Tr.	79	55	
	7	47.71	3			9.08			16.8	Mer.	204	140	
	7	46.73	3			9.09			17.2	Mu.	63	49	
	7.8	47.71	4			9.29			17.6	Mu.	132	173	
22878	10	48.67	2	23	21	12.37	19	36	37.4	Mer.	147	7	
22879	8	47.70	1	23	21	13.63	29	42	40.2[14]	Mu.	131	128	[14] Decl. changed five rev. north.
	9	46.73	2			14.31[15]			....	Tr.	76	61	[15] R. A. decreased one thread interval.
22880	10	47.82	1	23	21	16.57	24	4	7.7	Mer.	113	49	
	8.9	47.82	1			16.86			9.7	Mu.	144	76	
	9	47.80	2			16.97			8.9	Tr.	141	26	
22881	9	46.78	5	23	21	18.29	40	14	14.1	Mer.	74	14	
22882	9	47.54	2	23	21	18.36[16]	27	55	19.0	Mer.	195	197	[16] R. A. decreased 10 sec.
	9	46.70	5			18.41			13.0	Mer.	60	111	
	10	47.67	3			18.64			16.8	Tr.	127	46	
	9	46.75	2			18.72			....	Tr.	82	6	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
22883	7	47.84	2	23	21	19.33	22	58	23.6	Mu.	146	64	
	9	47.82	6			19.38			23.1	Tr.	143	22	
22884	9	46.77	4	23	21	19.52	28	25	19.1	Mer.	72	74	
	8	46.75	2			19.74			....	Tr.	82	5	
	9	47.79	4			19.74			19.9	Tr.	138	47	
	9	46.73	1			20.00			20.4	Mu.	63	50	
	8	47.70	3			20.06[1]			22.6	Mer.	202	102	[1] One of four threads rejected; R. A.=19^{s}.31.
22885	8	46.73	5	23	21	30.83	24	51	52.1	Mer.	69	144	
	7	47.72	2			30.86			56.0	Mu.	134	111	
	7	46.73	3			31.01[2]			53.3[3]	Mer.	70	68	[2] R. A. increased 20 sec.
	6	46.68	2			31.05			....[4]	Tr.	64	44	[3] Decl. changed one rev. south.
22886	10	46.69	2	23	21	33.19	33	23	....	Tr.	66	89	[4] Decl. changed one rev. south.
22887	9	47.80	2	23	21	37.60	23	52	59.3	Tr.	141	27	
	8	47.82	1			37.63			59.3	Mu.	144	77	
22888	9	46.71	3	23	21	38.43	41	2	11.7	Mer.	64	29	
22889	10	47.72	2	23	21	46.22	26	24	44.6	Tr.	136	54	
22890	10	48.76	2	23	21	46.54[5]	17	34	19.6	Mer.	150	19	[5] One thread increased 10 sec.
	9	48.76	1			46.83			22.9	Tr.	199	21	
22891	9	48.77	2	23	21	53.90	21	7	43.4	Mer.	152	30	
	10	48.66	1			54.05			36.8	Mer.	145	22	
	8	48.66	2			54.51			41.2	Tr.	188	26	
22892	10	48.67	2	23	21	54.95	19	20	31.5	Mer.	147	8	
	11	48.77	2			55.45[6]			....	Tr.	200	15	[6] One of three threads rejected; R. A.=56^{s}.32.
22893	9	48.78	2	23	22	0.50[7]	18	5	36.2	Mu.	207	17	[7] Separate threads give 0^{s}.86, 0^{s}.14.
22894	9	46.71	3	23	22	1.08	41	7	52.9	Mer.	64	30	
22895	8	48.65	2	23	22	1.80	21	24	9.1	Tr.	187	17	
	8	48.77	1			2.08			4.4	Mer.	152	31	
22896	7	47.84	1	23	22	9.99	23	29	8.3	Mu.	146	66	
	7	47.82	1			10.39			5.1	Mu.	144	78	
	9	47.80	2			10.42			8.1	Tr.	141	28	
22897	10	48.66	1	23	22	13.01	20	59	48.9	Mer.	145	23	
	10	48.67	2			13.04			51.2	Mu.	202	5	
	10	48.67	2			13.08			51.5	Tr.	191	7	
	9	48.66	4			13.13			49.6	Mer.	143	2	
22898	11	47.70	2	23	22	14.65	30	55	50.8	Tr.	131	11	
	11	46.73	4			14.80			47.9	Tr.	77	71	
	8	47.79	3			14.86			49.4	Mer.	206	53	
	7.8	47.79	1			14.88			49.5	Mu.	139	57	
22899	8	48.92	2	23	22	22..[8]	22	42	38.7	Mu.	212	2	[8] Separate threads give 21^{s}.08, 22^{s}.50. AW and Gou give 22^{s}.5.
22900	9	47.79	1	23	22	24.88	28	3	8.0	Tr.	138	48	
22901	7	46.77	4	23	22	30.79	37	47	2.1	Mu.	69	15	
22902	8	46.80	2	23	22	34.67	39	9	....	Tr.	96	7	
	9	46.71	3			34.92			18.4	Mu.	57	47	
22903	8	47.84	1	23	22	36.90	22	50	8.7	Tr.	145	44	
	8.9	47.82	4			37.22			5.7	Tr.	143	23	
	7.8	47.84	2			37.30			4.0	Mu.	146	65	
	8	48.92	1			37.55			3.9	Mu.	212	3	
22904	8	46.73	4	23	22	45.03	25	1	27.0	Mer.	69	145	
	6	46.73	6			45.15			25.3	Mer.	70	69	
	7	46.73	2			45.17			24.1	Mer.	68	136	
	7	47.72	3			45.21			27.4	Mu.	134	112	
22905	10	48.67	2	23	22	45.76[9]	19	30	43.5	Mer.	147	9	[9] One of three threads rejected; R. A.=44^{s}.71.
22906	9	47.79	2	23	22	45.93[10]	30	22	50.7	Mer.	206	54	[10] R. A. decreased two thread intervals.
22907	9	47.80	1	23	22	51.34	23	52	9.1[11]	Tr.	141	29	[11] Decl. changed one wire interval south.
22908	9	47.80	3	23	22	51.62[12]	28	7	16.4	Mu.	140	14	[12] One of four threads rejected; R. A.=52^{s}.49.
	8	47.70	3			51.92			17.0	Mer.	202	103	
	9	46.75	2			51.98			....	Tr.	82	7	
	8.9	46.77	4			52.11			18.7	Mer.	72	75	
	9	46.70	4			52.14			13.5	Mer.	60	112	
	9	47.79	2			52.53			17.7	Tr.	138	49	
22909	8	47.79	1	23	22	52.40	30	40	37.7	Mu.	139	58	
22910	8	46.78	3	23	22	54.90	35	55	58.5	Mu.	71	9	
	9	46.70	2			55.29			59.4	Tr.	69	9	
22911	9	48.79	1	23	23	3.55	16	48	....	Mer.	153	84	
	9	48.74	4			4.10			22.8	Tr.	197	11	
	8.9	48.77	4			4.24			26.3	Mu.	206	19	
22912	9	51.94	5	23	23	6.23	18	46	23.3[13]	Mer.	245	1	[13] Decl. changed one rev. north.
	10	48.76	3			6.43			24.4	Mer.	151	16	
22913	10	48.66	2	23	23	9..[14]	20	18	59.7	Mu.	198	18	[14] Separate threads give 9^{s}.19, 10^{s}.07.
	7	48.66	2			9.79			59.2[15]	Mer.	143	3	[15] Decl. changed one wire interval north.
	10	48.67	2			9.81			61.5	Tr.	191	8	
	10	48.67	2			9.81			59.9	Mu.	202	6	
	10	48.65	2			9.84			64.0	Mer.	142	15	
22914	10	46.73	1	23	23	12.36[16]	25	12	48.9	Mer.	68	137	[16] R. A. decreased 1 min.
22915	8	46.79	3	23	23	14.92	32	18	42.1	Mu.	73	4	
	8.9	46.82	4			15.16			43.0	Mu.	77	10	
	8	46.77	1			15.22			40.6	Tr.	87	25	
	8	46.76	2			15.37			43.6	Mu.	67	10	
22916	9	47.70	2	23	23	15.86	28	12	4.4	Mer.	202	104	
	10	46.75	2			16.55			....	Tr.	82	8	
	9	46.70	3			16.69			1.8	Mer.	60	113	
	9	47.79	1			16.88			4.6	Tr.	138	50	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
22917	9	47.80	2	23	23	19.58	23	37	6.3	Tr.	141	30	
22918	8.9	46.72	2	23	23	32.70	37	6	50.0	Tr.	74	62	
22919	9	46.82	2	23	23	33.54[1]	29	46	11.6	Mu.	76	8	[1] One of three threads rejected; R. A.=$34^{s}.41$.
	9	46.73	2			33.79			....	Tr.	79	56	
	7	47.71	2			33.85			14.0	Mu.	132	174	
	9	46.73	2			34.00			....	Tr.	76	62	
	8	47.71	4			34.07[2]			15.6[3]	Mer.	204	141	[2] R. A. increased 1 min.
22920	10	47.71	3	23	23	38.60	27	0	39.6	Mer.	107	78	[3] Decl. changed one rev. south.
22921	12	48.79	3	23	23	38.99	15	31	....	Tr.	205	68	
22922	9	46.79	2	23	23	42.52	32	9	44.6	Mu.	73	5	
	8	46.77	2			42.72			47.5	Tr.	87	26	
	9	46.82	3			42.99			44.1	Mu.	77	11	
22923	9	48.79	2	23	23	45.91	25	22	53.5	Mu.	209	92	
	11	47.68	2			46.09[4]			54.1[5]	Tr.	129	61	[4] R. A. decreased one thread interval.
22924	5	48.92	3	23	23	49.70[6]	22	11	48.9	Mer.	156	17	[5] Decl. changed one rev. north.
	8	47.85	2			49.78			47.4[7]	Tr.	147	18	[6] One of four threads rejected; R. A.=$48^{s}.91$.
	7	48.67	3			49.81			49.0	Tr.	189	20	[7] Decl. changed one rev. south.
	8	48.66	3			50.04			46.7	Mu.	195	8	
22925	7.8	46.80	4	23	23	55.22	44	25	5.3	Mer.	77	45	
22926	11	48.79	1	23	23	56.18	15	37	....	Tr.	205	69	
22927	6	48.92	2	23	23	56.31	22	4	33.6	Mer.	156	18	
	8	48.66	3			56.49			32.8	Mu.	195	9	
	7	48.67	1			56.69			30.1	Tr.	189	21	
22928	9.10	46.77	2	23	24	0.14	26	39	23.5	Mer.	71	64	
	9	46.76	2			0.16			....	Tr.	84	41	
	8	47.72	1			0.31			26.4	Tr.	136	56	
	9	47.79	3			0.47			21.9	Mu.	138	14	
	9	47.71	1			0.49			19.3	Tr.	135	1	
22929	6	47.71	2	23	24	1.09	26	34	18.6	Tr.	133	61	
	6.7	47.72	1			1.23			19.3	Tr.	136	55	
	6	46.77	6			1.23			17.8	Mer.	71	63	
	6	47.79	4			1.25			20.2	Mu.	138	13	
	5	46.76	1			1.28			....	Tr.	84	42	
	6.7	47.72	2			1.30			24.0	Mer.	205	108	
	7	47.80	5			1.33			25.3	Mer.	110	11	
	7	46.71	2			1.63			24.4	Mu.	56	106	
22930	9	47.72	2	23	24	3.50	26	26	24.9	Tr.	136	57	
22931	9	46.70	4	23	24	4.92	27	58	0.1	Mer.	60	114	
	9	47.79	1			5.00			7.6	Tr.	138	51	
	9	46.75	1			5.05[8]			....	Tr.	82	9	[8] R. A. increased 30 sec.
	8	47.70	1			5.15			0.5	Mer.	202	105	
22932	8	48.92	3	23	24	16.80[9]	22	37	51.5	Mu.	212	4	[9] One of four threads rejected; R. A.=$16^{s}.09$.
	7	47.84	1			16.82[10]			52.0	Tr.	145	45	[10] R. A. increased one thread interval.
22933	8	46.72	2	23	24	18.18	34	30	....	Tr.	73	69	
22934	10	47.54	2	23	24	18. . .[11]	27	32	43.6	Mer.	195	198	[11] Separate threads give $19^{s}.14$, $18^{s}.10$. CPD gives $18^{s}.3$.
	9	46.75	1			18.21			49.9	Mu.	66	46	
22935	10	46.68	2	23	24	23.25	24	29	....	Tr.	64	45	
22936	10	48.78	1	23	24	25.09[12]	18	0	35.6	Mu.	207	18	[12] R. A. increased one thread interval.
22937	8	46.69	2	23	24	31.06	33	3	....	Tr.	66	90	
22938	11	48.67	4	23	24	31.66	19	52	....	Tr.	198	19	
	10	48.66	2			31.90			39.1	Mu.	198	19	
22939	10	48.79	1	23	24	33.62	25	45	29.0	Mu.	209	93	
22940	10	47.79	2	23	24	34.16	30	43	32.3	Mer.	206	55	
22941	8	48.78	1	23	24	46.70	18	26	20.8	Mu.	207	19	
22942	7	51.94	5	23	24	53.25	18	38	19.7[13]	Mer.	245	2	[13] Decl. changed nine rev. south.
	9	48.76	2			53.40			19.6	Mer.	151	17	
22943	6.7	46.71	5	23	24	54.58	38	38	49.6	Mu.	57	48	
22944	8	48.76	3	23	24	56.30	17	39	51.0	Tr.	199	22	
	9	48.76	5			56.67			49.5	Mer.	150	20	
22945	8	47.71	1	23	24	56.91	29	10	43.7	Mer.	204	142	
22946	8	47.84	1	23	24	58.61	22	30	53.9	Tr.	145	46	
	8	48.92	3			58.62[14]			54.9	Mu.	212	5	[14] One of four threads rejected; R. A.=$57^{s}.91$.
22947	10	48.76	2	23	25	1.64	18	52	44.2	Mer.	151	18	
	7	51.94	5			1.68			38.5[15]	Mer.	245	3	[15] Decl. changed one rev. north.
22948	8.9	46.71	5	23	25	7.42	41	40	24.8	Mer.	64	31	
22949	8	48.67	3	23	25	14.29	20	54	51.5	Mu.	200	11	
	9	48.67	1			14.37			49.4	Mu.	202	7	
	7	48.77	4			14.40			49.4	Mer.	152	32	
	10	48.67	1			14.46			50.8	Tr.	191	9	
	8	48.66	3			14.47			46.1[16]	Tr.	188	27	[16] Decl. changed one wire interval south.
	8	48.66	4			14.54			53.2	Mer.	143	4	
	8	48.65	3			14.62			53.8[17]	Tr.	187	18	[17] Decl. changed one wire interval north.
	9.10	48.66	3			14.82			51.4	Mer.	145	24	
22950	9	47.71	1	23	25	19.14	29	30	9.9	Mer.	204	143	
	9	46.73	2			19.19			....	Tr.	76	63	
	9	46.73	2			19.21			....	Tr.	79	57	
	8.9	47.71	3			19.23			8.7	Mu.	132	175	
22951	12	48.79	2	23	25	22. . .[18]	15	48	....	Tr.	205	70	[18] Separate threads give $22^{s}.26$, $20^{s}.65$. AW gives $22^{s}.0$.
22952	6	48.67	2	23	25	25.08	21	44	36.9	Tr.	189	22	
	5	48.92	2			25.14			36.7	Mer.	156	19	
	7	48.66	2			25.18			36.4	Mu.	195	10	
	6	47.85	3			25.34			32.3	Tr.	147	19	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
22953	6.7	46.76	1	23	25	28.05	32	7	3.4	Mu.	67	11	
	7.8	46.82	3			28.41			1.5	Mu.	77	12	
	6.7	46.77	3			28.52			3.7	Tr.	87	27	
	7.8	46.79	2			28.79			4.3	Mu.	73	6	
22954	9	46.73	4	23	25	37.44	25	19	57.4	Mer.	70	70	
22955	9	48.66	1	23	25	39.94	19	58	21.5	Mu.	198	20	
	11	48.67	2			40.35			....	Tr.	198	20	
22956	10	48.67	1	23	25	42.73	19	12	29.7[1]	Mer.	147	10	[1] Decl. changed one wire interval north and one rev. south.
22957	8.7	46.72	2	23	25	43.68	37	5	34.7	Tr.	74	63	
22958	8.9	46.78	3	23	25	45.70	36	20	18.2	Mu.	71	10	
22959	9	48.77	1	23	25	46.14	20	56	42.0	Mer.	152	33	
	10	48.66	2			46.38			44.1	Mer.	145	25	
	8	48.66	4			46.43			39.7	Mer.	143	5	
	10	48.67	1			46.55			45.9	Tr.	191	10	
22960	8	46.70	1	23	25	52.28	35	20	22.4	Tr.	69	10	
22961	8	46.72	2	23	25	55.70	34	29	....	Tr.	73	70	
22962	9	47.80	2	23	25	57.70	23	31	54.5	Tr.	141	31	
22963	10	47.71	3	23	25	58.47	26	36	14.9[2]	Mer.	107	79	[2] Decl. changed one rev. south.
	8.9	46.77	3			58.93			7.0	Mer.	71	65	
	7	46.76	2			59.12			....	Tr.	84	43	
	9	47.79	3			59.15			4.3	Mu.	138	15	
	8.9	47.72	2			59.23			3.9	Tr.	136	58	
	9	47.71	2			59.26			0.3	Tr.	135	2	
	8	47.72	3			59.39			9.3	Mer.	205	109	
22964	8	48.76	2	23	26	3.01	17	8	29.2	Tr.	199	23	
	7	48.76	3			3.33			29.1	Mer.	150	21	
	9	48.77	4			3.42			31.0	Mu.	206	20	
	9	48.79	4			3.70			....	Mer.	153	85	
22965	7	47.82	5	23	26	5.58	23	46	9.9	Mu.	144	79	
	9	47.80	2			5.62			9.3	Tr.	141	32	
22966	8	47.68	3	23	26	6.14	25	41	16.6	Tr.	129	62	
	7	46.76	4			6.17			21.5	Tr.	85	14	
	6	47.59	4			6.24			19.9	Mer.	196	125	
	6	47.84	7			6.25			17.3	Mer.	211	14	
	7.8	46.73	7			6.26			17.9	Mer.	68	138	
	7	48.79	3			6.27[3]			18.0	Mu.	209	94	[3] One of four threads rejected; R. A. =7^{s}.63.
	8	46.72	4			6.34			21.3	Mer.	66	115	
22967	10	46.75	2	23	26	8.39	28	0	....	Tr.	82	10	
22968	10	47.80	2	23	26	12.11	25	55	28.4[4]	Mer.	110	12	[4] Reduced for vertical thread III, horizontal wire 7, instead of vertical thread VII, horizontal wire 3, as recorded.
	9	47.72	1			12.86			26.2	Tr.	136	59	
22969	10	48.76	1	23	26	17.75	18	43	14.5	Mer.	151	19	
	9	51.94	5			18.94			12.4	Mer.	245	4	
22970	9	47.80	1	23	26	31.59	23	47	50.1	Tr.	141	33	
22971	10	48.78	1	23	26	36.20	17	56	27.7	Mu.	207	20	
22972	9	46.71	1	23	26	37.48	39	5	40.8	Mu.	57	49	
	8	46.80	2			37.95			....	Tr.	96	8	
22973	10	48.92	1	23	26	43.61[5]	21	55	42.4	Mer.	156	20	[5] R. A. increased 1 min.
22974	6	46.80	3	23	26	45.05	43	30	42.0	Mer.	76	18	
22975	8	48.76	1	23	26	45.86	17	49	40.5	Tr.	199	24	
	8	48.78	1			45.98			37.5	Mu.	207	21	
22976	8	48.66	2	23	26	46.87	20	59	55.7	Mer.	143	6	
	10	48.67	2			46.87			58.7	Mu.	202	8	
	10	48.66	2			46.96			54.6	Mer.	145	26	
	9	48.66	2			47.07			57.5	Tr.	188	28	
	9	48.65	2			47.10			55.2	Tr.	187	19	
	8	48.77	2			47.13			54.6	Mer.	152	34	
22977	10	46.75	2	23	26	49.91	28	14	....	Tr.	82	11	
	9	46.70	5			49.97			45.1	Mer.	60	115	
	9	47.79	2			50.21			40.0	Tr.	138	52	
22978	7	46.78	2	23	26	54.47	35	54	39.3	Mu.	71	11	
	8.7	46.70	2			54.78			40.4	Tr.	69	11	
22979	9	47.80	3	23	26	56.18	28	32	32.7	Mu.	140	15	
	9	46.73	4			56.36			31.5	Mu.	63	51	
	8	47.70	1			56.52			31.1	Mer.	202	106	
	8.9	46.77	3			56.60			34.1	Mer.	72	76	
22980	9	51.94	5	23	26	57.73	18	32	19.5[6]	Mer.	245	5	[6] Decl. changed one rev. north.
22981	10	47.54	2	23	26	58...[7]	27	44	48.9	Mer.	195	199	[7] Separate threads give 58^{s}.06, 59^{s}.02.
	10	47.67	2			58.51			57.6[8]	Tr.	127	47	[8] Decl. changed one wire interval south.
	9	46.75	3			58.59			50.5	Mu.	66	47	
	9.10	46.71	2			58.71			48.1	Mer.	62	84	
22982	3.4	46.80	4	23	26	59.63	43	26	35.4	Mer.	76	19	
22983	10	48.79	2	23	27	0.63	16	4	....	Tr.	205	71	
22984	10	48.92	1	23	27	8.16	22	36	14.3	Mu.	212	6[9]	[9] "Too faint."
	10	47.84	1			8.87			12.1	Tr.	145	47	
22985	10	48.92	1	23	27	9.41[10]	22	41	11.3	Mu.	212	7[11]	[10] AW gives 10^{s}.8.
	10	47.84	1			10.63			12.9	Tr.	145	48	[11] "Too faint."
22986	10	46.80	2	23	27	17...[12]	39	19	....	Tr.	96	9	[12] Separate threads give 16^{s}.73, 17^{s}.79. GZ gives 17^{s}.6.
22987	9.10	48.67	2	23	27	22.15[13]	19	23	55.5	Mer.	147	11	
	10	48.77	4			22.35			....	Tr.	200	16	[13] R. A. increased 1 min.
22988	8	47.72	2	23	27	26.29	26	22	28.6[14]	Mer.	205	110	[14] Decl. changed one wire interval north.
	9	47.72	2			26.60			28.1	Tr.	136	60	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
22989	7.8	47.71	3	23	27	26.42	29	33	54.3	Mu.	132	176	
	8	46.73	2			26.50			....	Tr.	76	64	
	10	46.70	3			26.58			58.9	Mer.	58	74	
	8	46.73	2			26.63			....	Tr.	79	58	
	9	47.71	2			27.12[1]			52.8	Mer.	204	144	[1] R. A. increased 1 min.
22990	9	48.76	1	23	27	34.09	17	41	45.6	Mer.	150	22	
22991	5	48.76	4	23	27	39.60[2]	17	24	38.2	Mer.	150	23	[2] One thread increased 10 sec.
22992	10	46.70	1	23	27	39.61	29	41	8.0	Mer.	58	75	
	8	46.73	2			40.14			....	Tr.	76	65	
	9.10	46.82	1			40.19			4.8	Mu.	76	9	
	8.9	47.71	1			40.20			6.5	Mu.	132	177	
	8	47.71	1			40.20			4.0	Mer.	204	145	
	8	47.70	1			40.55			1.1	Mu.	131	129	
22993	9	47.80	2	23	27	42.98	23	26	23.9	Tr.	141	34	
	8.9	47.82	1			43.10[3]			23.5	Mu.	144	80	[3] R. A. decreased one thread interval.
22994	5	46.75	2	23	27	44.79	28	18	....	Tr.	82	12	
	6	46.77	7			44.80			47.5	Mer.	72	77	
	6.7	47.79	2			44.80[4]			44.5	Tr.	138	53	[4] Two threads decreased 10 sec. each. One of three threads rejected; R. A.=$46^{s}.12$.
	7.8	47.80	3			44.82			47.4	Mu.	140	16	
	7	47.70	5			44.91			44.5	Mer.	202	107	
	7	46.70	4			44.95			49.9	Mer.	60	116	
22995	7	46.80	2	23	27	46.44	39	46	....	Tr.	96	10	
	7	46.80	3			46.96			56.3	Mu.	74	33	
22996	10	46.73	2	23	27	46.68	29	28	....	Tr.	79	59	
22997	9	46.70	3	23	27	49.80	28	6	34.9	Mer.	60	117	
	9	47.79	1			50.01			35.8	Tr.	138	54	
22998	9	47.79	1	23	27	52.77	30	45	44.9[5]	Mer.	206	56	[5] If micrometer reading be assumed as 32.512 instead of 32.312 rev., as recorded, Decl.= 38″.0.
	11	46.73	2			53.17			40.1	Tr.	77	72	
	8.9	47.79	2			53.26			37.5	Mu.	139	59	
22999	9	48.66	3	23	28	3.04	20	52	39.3	Tr.	188	29	
23000	10	48.66	1	23	28	4.34	19	46	30.6	Mu.	198	21	
23001	8	47.70	3	23	28	4.76	31	28	26.5	Tr.	131	12	
	7.8	46.80	4			4.87			26.6	Mu.	75	8	
23002	10	47.84	1	23	28	5.64	22	28	18.2	Tr.	145	49	
	9.10	48.92	1			5.64			17.7[6]	Mu.	212	8	[6] Decl. changed one rev. north.
23003	9	46.69	2	23	28	6.29	33	27	....	Tr.	66	91	
23004	9	48.79	5	23	28	8.80	17	7	....	Mer.	153	86	
	9	48.77	4			8.87			5.5	Mu.	206	21	
23005	9	47.72	1	23	28	12.37	26	5	19.7	Tr.	136	61	
23006	7	46.70	2	23	28	16.17	27	42	20.0	Mer.	60	118	
	7	47.54	3			16.21			19.0	Mer.	195	200	
	7	46.71	4			16.40			19.1	Mer.	62	85	
	7	47.67	2			16.49			22.4	Tr.	127	48	
	7	46.75	3			16.59			19.5	Mu.	66	48	
23007	9	46.71	5	23	28	26.32	40	59	33.3	Mer.	64	32	
23008	9	46.78	3	23	28	40.84	36	10	59.6	Mu.	71	12	
23009	7	47.72	2	23	28	47.89	26	4	10.0	Mer.	205	111	
	7	47.59	3			47.98			10.7	Mer.	196	126	
	7	47.84	3			48.08			12.1	Mer.	211	15	
	8.9	46.72	5			48.23			6.9	Mer.	66	116	
	8	47.80	5			48.24			9.0	Mer.	110	13	
	7.8	47.72	2			48.30			8.5	Tr.	136	62	
	6.7	46.71	4			48.49			9.8	Mu.	56	107	
23010	10	46.69	2	23	28	53.61	33	25	....	Tr.	66	92	
23011	7	46.77	2	23	28	57.71	37	37	46.3	Mu.	69	16	
23012	9	47.79	2	23	29	3.22	30	42	9.9	Mer.	206	57	
	8.9	47.79	1			4.10			13.0	Mu.	139	60	
23013	5.6	46.76	3	23	29	8.89	32	42	3.4	Mu.	67	12	
	7	46.82	5			9.00			4.5[7]	Mu.	77	13	[7] Decl. changed one rev. south.
	7	46.79	5			9.02			3.4	Mu.	73	7	
23014	9	47.72	1	23	29	9.95	26	15	55.6	Tr.	136	63	
23015	9.10	48.92	2	23	29	11.84	22	30	23.1	Mu.	212	9	
	9	47.84	1			12.01			21.6	Tr.	145	50	
23016	8	51.94	5	23	29	13.08	18	23	26.6[8]	Mer.	245	6	[8] Decl. changed one rev. north.
	9	48.78	2			13.31			24.6	Mu.	207	22	
23017	9	46.79	1	23	29	14.00	32	29	50.2[9]	Mu.	73	8	[9] Decl. changed one rev. north.
	9	46.82	1			14.06			42.8	Mu.	77	14	
23018	9	47.71	4	23	29	16.62[10]	26	41	37.0	Mer.	107	80	[10] One of five threads rejected; R. A.=$17^{s}.33$.
	8	46.76	2			17.15			....	Tr.	84	44	
	9.10	46.77	5			17.16			41.2	Mer.	71	66	
	9	47.71	2			17.30			37.7	Tr.	135	3	
	9	47.79	3			17.34			39.0	Mu.	138	16	
23019	9	46.72	2	23	29	25.42	34	29	....	Tr.	73	71	
23020	9	48.78	1	23	29	25.96	17	53	11.0	Mu.	207	23	
23021	10	46.73	1	23	29	35.91	30	54	53.9	Tr.	77	73	
	9	47.79	1			36.22			54.9	Mer.	206	58	
	8	47.79	1			36.24			52.2	Mu.	139	61	
23022	9	48.76	2	23	29	36.72	17	43	24.5	Tr.	199	25	
23023	9	47.72	1	23	29	37.00	26	30	47.2	Tr.	136	64	
23024	9	46.71	..	23	29	39..	38	29	52.9	Mu.	57	50[11]	[11] "Too faint."

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
23025	10	48.66	1	23	29	48.95	21	20	6.5	Mer.	145	27	
	9	48.66	2			49.26			3.7 [1]	Tr.	188	30	[1] Decl. changed one rev. south.
23026	8	48.66	3	23	29	59.21	20	26	53.4	Mer.	143	7	
	10	48.67	2			59.66 [2]			52.3	Tr.	191	11	[2] R. A. decreased 1 min.
	10	48.67	2			60.11			52.0	Mu.	202	9	
23027	6	47.84	3	23	29	59. . . [3]	25	42	18.2	Mer.	211	16	[3] Separate threads give $59^{\mathrm{s}}.73$, $60^{\mathrm{s}}.32$, $59^{\mathrm{s}}.14$.
	8	47.59	4			59.40			18.2	Mer.	196	127	
	8	46.76	3			59.51			19.1	Tr.	85	15	
	8.9	46.72	2			59.63			22.2	Mer.	66	117	
	7	46.73	7			59.66			21.2	Mer.	68	139	
	8	48.79	3			59.68			21.3	Mu.	209	95	
	8	47.68	4			59.87			22.6	Tr.	129	63	
23028	9.10	46.72	1	23	30	1.19	36	42	28.1	Tr.	74	64	
	9	46.78	1			1.35 [4]			32.6	Mu.	71	13	[4] R. A. increased one thread interval.
23029	10	47.79	1	23	30	4.50	28	4	65.7	Tr.	138	55	
	9	46.70	4			4.83			58.9	Mer.	60	119	
23030	9	47.72	2	23	30	4.61	26	29	21.3	Tr.	136	65	
23031	10	47.70	2	23	30	6.30	31	23	23.3	Tr.	131	13	
23032	9	46.73	2	23	30	9.50	29	35	. . . .	Tr.	79	60	
	8.9	47.71	3			9.56			23.1	Mu.	132	178	
	8	46.73	2			9.62			. . . .	Tr.	76	66	
	8	47.71	3			9.74			23.4	Mer.	204	146	
23033	9	47.72	1	23	30	12.74	24	41	34.3	Mu.	134	113	
	9	46.73	3			13.03			36.9	Mer.	69	146	
23034	9	48.79	2	23	30	14.94	15	55	. . . .	Tr.	205	72	
23035	9	46.78	7	23	30	15.50	40	26	55.4	Mer.	74	15	
23036	8	47.84	1	23	30	16.47	26	2	60.8	Mer.	211	17	
	9	46.72	3			16.57			55.9	Mer.	66	118	
	10	48.79	2			16.76			63.5	Mu.	209	96	
	8	47.72	3			16.80			58.0	Mer.	205	112	
	8.9	47.80	3			16.81			61.5	Mer.	110	14	
	9	46.71	1			16.83			59.5	Mu.	56	108	
23037	10	46.80	2	23	30	25.67	39	19	6.6	Tr.	97	1	
	7	46.80	2			25.87			. . . .	Tr.	96	11	
23038	9	46.82	2	23	30	27.67 [5]	30	11	22.9	Mu.	76	10	[5] R. A. decreased 1 min. One of three threads rejected; R. A. = $28^{\mathrm{s}}.75$.
	8	47.70	2			27.67			23.7	Mu.	131	130	
23039	10	47.82	1	23	30	30.08	24	23	4.5 [6]	Mer.	113	50	[6] Decl. changed one wire interval south.
23040	9	46.82	3	23	30	31.62	32	36	34.6	Mu.	77	15	
	9	46.79	1			32.00			33.2	Mu.	73	9	
23041	9	48.92	3	23	30	37.72	22	30	7.5	Mu.	212	10	
	9	47.84	2			37.75			7.0	Tr.	145	51	
23042	7	48.77	2	23	30	51.72	21	41	50.7	Mer.	152	35	
	8.9	48.66	5			51.89			53.5	Mu.	195	11	
	8	48.67	4			52.00			50.0	Tr.	189	23	
	8	48.92	4			52.04			53.4	Mer.	156	21	
23043	9	46.73	2	23	30	56.58	29	5	48.6	Mu.	63	52	
	10	46.70	3			56.61			52.3	Mer.	58	76	
	8	46.73	2			56.80			. . . .	Tr.	79	61	
	7	46.73	2			56.87			. . . .	Tr.	76	67	
	8	47.71	1			56.95			50.2	Mu.	132	179	
23044	10	47.82	2	23	30	58.89 [7]	24	30	33.4 [8]	Mer.	113	51	[7] One of three threads rejected; R. A. = $59^{\mathrm{s}}.79$.
	9	47.76	2			59.48			34.1	Tr.	137	29	[8] Decl. changed one rev. north.
23045	9	46.69	2	23	31	7.33	33	7	. . . .	Tr.	66	93	
23046	8	47.54	1	23	31	15.83 [9]	27	32	52.9	Mer.	195	201	[9] R. A. increased 1 min. and decreased one thread interval. R. A. as recorded is 30^{m} $28^{\mathrm{s}}.29$, and may be that of CPD—27°7553, while the Decl. belongs to CPD—27°7554.
23047	9	46.73	4	23	31	18.50	24	54	7.3	Mer.	69	147	
23048	9	47.84	1	23	31	19.47	25	48	35.3	Mer.	211	18	
23049	8	47.84	2	23	31	25.84	22	45	18.5	Tr.	145	52	
	8	48.92	4			25.85			17.3	Mu.	212	11	
	7.8	47.84	1			26.07			17.3	Mu.	146	67	
23050	7	46.72	2	23	31	28.11	34	19	. . . .	Tr.	73	72	
23051	8	47.70	3	23	31	29.60	27	59	18.7 [10]	Mer.	202	108	[10] Decl. changed one wire interval south.
	9	47.79	3			29.69 [11]			17.8	Tr.	138	56	[11] One thread increased 30 sec. One of four threads rejected; R. A. = $30^{\mathrm{s}}.44$.
	9	46.70	5			29.80			16.5	Mer.	60	120	
	8	46.75	2			29.92			. . . .	Tr.	82	13	
23052	9	51.94	5	23	31	31.23	18	37	18.8 [12]	Mer.	245	7	[12] Decl. changed one wire interval south and one rev. north.
	9.10	48.76	4			31.93			18.9	Mer.	151	20	
23053	9	48.66	2	23	31	39.10	21	23	26.2	Tr.	188	31	
23054	11	48.67	4	23	31	41.06	19	54	. . . . [13]	Tr.	198	21	[13] Decl. changed two rev. south.
	10	48.66	1			41.32			19.4	Mu.	198	22	
23055	9	47.72	2	23	31	44.87	26	2	9.7	Tr.	136	66	
23056	7	47.84	2	23	31	51.04	23	21	47.2	Mu.	146	68	
	7	47.82	2			51.14			47.3	Mu.	144	81	
23057	8	47.79	3	23	31	54.39	30	21	37.1	Mu.	139	62	
	9	46.73	2			54.42			37.5	Tr.	77	74	
	8	47.79	4			54.51			36.9	Mer.	206	59	
23058	5	46.69	2	23	31	54.95	33	33	. . . .	Tr.	66	94	
	7	46.72	4			55.04			38.5	Mu.	59	41	
23059	10	48.78	2	23	31	56.30	17	52	17.0	Mu.	207	24	
23060	7	47.70	4	23	32	3. . . [14]	29	46	22.2	Mu.	131	131	[14] Separate threads give $3^{\mathrm{s}}.98$, $2^{\mathrm{s}}.79$, $3^{\mathrm{s}}02$, $4^{\mathrm{s}}.02$.
	8	46.82	2			3.46			22.0	Mu.	76	11	
	8	47.71	1			3.62			23.4	Mu.	132	180	
	7	47.71	3			3.75			23.1	Mer.	204	147	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
23061	10	48.67	2	23	32	8.93	19	39	59.4 [1]	Mer.	147	12	[1] Decl. changed one rev. south.
23062	6.7	47.71	1	23	32	21.70	29	11	15.5	Mer.	204	148	
	8	46.70	7			21.97 [2]			8.5 [3]	Mer.	58	77	[2] Five threads decreased 10 sec. each.
	6.7	46.73	3			22.08			11.9	Mu.	63	53	[3] Decl. changed one rev. north.
	7	46.73	2			22.28			....	Tr.	79	62	
	7	47.71	2			22.30			11.5	Mu.	132	181	
23063	11	48.67	1	23	32	23.20	20	33	5.1	Tr.	191	12	
23064	9	46.82	2	23	32	24... [4]	29	44	37.9 [5]	Mu.	76	12	[4] Separate threads give 22^{s}.37, 26^{s}.37. AW gives 24^{s}.4. Mü$_1$ gives 24^{s}.9.
	8.9	47.70	1			25.50			14.8	Mu.	131	132	
23065	10	47.72	1	23	32	25.73	26	9	13.4	Tr.	136	67	[5] If micrometer reading be assumed as 47.921 instead of 47.521 rev., as recorded, Decl. = 12″.7. AW gives 14″. Mü$_1$ gives 15″.
23066	8	47.54	3	23	32	27.78	27	43	10.3	Mer.	195	202	
	7	46.75	4			27.89			10.5	Mu.	66	49	
	7.8	46.70	4			27.94			12.9	Mer.	60	121	
	9	47.67	3			28.02			11.4	Tr.	127	49	
	8.9	46.71	4			28.05 [6]			11.1	Mer.	62	86	[6] The last three threads decreased 2 sec. each.
23067	7.8	47.71	3	23	32	33.85	27	1	37.5	Tr.	135	4	
	7	47.79	5			33.89			36.2	Mu.	138	17	
	8	47.71	5			33.93			38.5	Mer.	107	81	
	6	46.76	2			33.98			....	Tr.	84	45	
	6.7	46.77	7			33.99 [7]			40.0	Mer.	71	67	[7] R. A. increased 1 min.
23068	9	47.80	2	23	32	36.12	23	50	47.9	Tr.	141	36	
23069	8	47.82	1	23	32	42.88	23	35	0.4	Mu.	144	82	
	8.9	47.80	3			43.33			2.7	Tr.	141	35	
23070	6.7	46.82	6	23	32	45.04	32	54	9.0	Mu.	77	16	
	6.7	46.79	5			45.18			7.5 [8]	Mu.	73	10	[8] Decl. changed one rev. north.
23071	9	48.67	1	23	32	45.60	19	49	....	Tr.	198	22	
	9	48.67	1			45.77			7.5	Mer.	147	13	
	10	48.77	1			46.19			....	Tr.	200	17	
	8	48.66	3			46.40			3.3	Mu.	198	23	
23072	9	46.70	1	23	32	46.39	35	31	30.9	Tr.	69	12	
23073	10	46.71	1	23	33	2.54	38	4	12.5	Tr.	71	54	
23074	8	46.71	4	23	33	3.82	38	41	50.1	Mu.	57	51	
23075	8	46.82	5	23	33	13.40	32	54	14.5	Mu.	77	17	
	7.8	46.79	3			13.45			15.5 [9]	Mu.	73	11	[9] Decl. changed one rev. north.
23076	12	47.68	3	23	33	13.46	25	57	43.9	Tr.	129	64	
	8	47.84	2			13.59			59.7	Mer.	211	19	
	9.10	46.72	4			13.64			60.3	Mer.	66	119	
	8.9	47.72	2			13.72			34.4 [10]	Tr.	136	68	[10] If micrometer reading be assumed as 3.12 rev. instead of 2.32 rev., as recorded, Decl. = 54″.7.
	9	47.80	4			13.78 [11]			58.9	Mer.	110	15	
	9	47.59	2			13.95			55.7	Mer.	196	128	
	8	47.72	4			14.05			57.1	Mer.	205	113	[11] R. A. increased 1 min.
23077	7	46.73	5	23	33	16.68 [12]	24	59	26.4	Mer.	69	148	[12] R. A. decreased 2 min.
	6	47.72	5			16.69			28.4	Mu.	134	114	
	5.6	46.73	7			16.76 [13]			28.3	Mer.	70	71	[13] R. A. decreased 1 min.
	7	47.76	6			16.97			26.0	Mer.	109	50	
23078	9	51.94	5	23	33	17.18	18	21	27.2	Mer.	245	8	
	10	48.78	2			17.33			28.9	Mu.	207	25	
23079	9	47.80	2	23	33	17.73	24	4	0.8	Tr.	141	37	
23080	8	47.70	3	23	33	24.08	28	13	53.7	Mer.	202	109	
	9	46.70	4			24.38			51.3	Mer.	60	122	
	10	46.75	2			24.47			....	Tr.	82	14	
	9	47.79	3			24.61			55.3	Tr.	138	57	
23081	10	46.72	1	23	33	25.27	34	23	....	Tr.	73	73	
23082	10	48.66	2	23	33	29.80	21	17	43.3 [14]	Mer.	145	28	[14] Decl. changed one wire interval south.
	9	48.77	3			30.37 [15]			40.7	Mer.	152	36	[15] One of four threads rejected; R. A.=29^{s}.35.
23083	10	48.66	1	23	33	34.99	20	54	29.5	Mer.	145	29	
23084	10	48.67	1	23	33	35.91	19	22	16.7	Mer.	147	14	
23085	8	47.72	2	23	33	39.12	26	30	6.7	Tr.	136	69	
	10	47.72	1			39.53			2.9	Mer.	205	114	
23086	9	46.73	4	23	33	39.71 [16]	24	42	40.6	Mer.	69	149	[16] R. A. decreased 2 min. Two threads increased 2 sec. each.
23087	9	46.71	1	23	33	40.60 [17]	38	15	49.9	Tr.	71	55	
23088	9	52.86	..	23	33	47...	17	30	30.0	Mer.	252	1	[17] R. A. decreased 3 sec. to agree with the original record in the observing book. Gou gives 40^{s}.4.
	9	48.76	2			47.02			28.1	Tr.	199	26	
	9	48.76	4			47.03			26.8	Mer.	150	24	
23089	8	48.80	4	23	33	47...	18	51	18.7	Tr.	206	1	
	4	51.94	5			47.41			19.6 [18]	Mer.	245	9	[18] Decl. changed one rev. north.
	7.8	48.76	3			48.02			16.5	Mer.	151	21	
23090	9	47.72	1	23	33	49.05	26	9	21.1	Tr.	136	70	
23091	9	46.78	1	23	33	51.32	36	2	50.5	Mu.	71	14	
	9	46.70	1			51.99			55.2	Tr.	69	13	
23092	9	47.82	4	23	33	54.12	24	26	26.1	Mer.	113	52	
	8	47.87	4			54.21			27.6	Mu.	147	1	
	8	47.76	1			54.46			26.2	Tr.	137	30	
23093	9	48.67	2	23	33	56.69	21	0	6.2	Mu.	202	11	
	9	48.66	2			56.83			7.0	Tr.	188	32	
	6	48.77	1			56.98			3.4	Mer.	152	37	
	8.9	48.67	2			57.02			6.2	Mu.	200	13	
23094	..	48.66	3	23	33	57.27 [19]	20	35	19.1	Mer.	143	8	[19] R. A. increased 1 min.
	9	48.67	3			57.66			21.8	Tr.	191	13	
	8	48.67	1			57.72			18.8	Mu.	202	10	
	8	48.67	3			57.73			20.3	Mu.	200	12	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
23095	7	46.89	6	23	33	58.01	43	5	55.2[1]	Mer.	80	1	[1] Decl. changed five rev. south.
23096	7.8	48.76	3	23	33	58.18	18	38	52.9	Mer.	151	22	
	4	51.94	5			58.28			54.5	Mer.	245	10	
23097	8	46.73	5	23	34	10.06	30	27	17.0	Tr.	77	75	
	7	47.79	4			10.09			18.5	Mu.	139	63	
	7	47.70	1			10.10			21.9	Mu.	131	133	
	7.8	47.79	5			10.17			17.4	Mer.	206	60	
23098	9	46.69	2	23	34	15.91	33	28	....	Tr.	66	95	
23099	10	48.74	1	23	34	18.29	17	5	48.6	Tr.	197	12	
23100	9	46.71	4	23	34	19.76	41	9	4.2	Mer.	64	33	
23101	8.9	46.78	4	23	34	25.11	40	3	6.2	Mer.	74	16	
23102	8	46.73	2	23	34	25.12	28	28	9.8	Mu.	63	54	
	7.8	46.77	4			25.14			8.6	Mer.	72	78	
	9	47.80	4			25.14			11.5	Mu.	140	17	
	9	47.79	5			25.29			7.2	Tr.	138	58	
	8	47.70	3			25.29			11.7	Mer.	202	110	
	7	46.75	2			25.44			....	Tr.	82	15	
23103	9	46.73	2	23	34	44.53	29	0	47.2	Mu.	63	55	
	8	47.71	3			44.97			47.9	Mu.	132	182	
	6	47.71	2			45.03			46.6	Mer.	204	149	
23104	8	46.77	3	23	34	53.67	32	3	36.5	Tr.	87	28	
23105	9	47.80	1	23	34	54.37	23	58	37.4	Tr.	141	38	
23106	5.4	48.79	5	23	34	56.74	15	22	....	Tr.	205	73	
23107	9	47.72	1	23	35	7.86	26	7	34.9	Tr.	136	71	
23108	7	46.73	2	23	35	10.84	29	52	....	Tr.	79	63	
	7	47.70	3			10.86			28.4	Mu.	131	134	
	7.8	46.82	4			11.01			29.5	Mu.	76	13	
23109	7	46.77	4	23	35	12.13	37	37	0.5	Mu.	69	17	
23110	8	47.82	1	23	35	12.18	23	56	10.8	Mu.	144	83	
	9	47.80	2			12.58			12.2	Tr.	141	39	
23111	11	46.80	2	23	35	14.23	39	32	11.0	Tr.	97	2	
23112	9	46.69	2	23	35	15.56	33	23	....	Tr.	66	96	
23113	9	47.82	3	23	35	20.94	24	30	24.1	Mer.	113	53	
	9	47.76	2			21.11			25.8	Tr.	137	31	
	8	47.87	4			21.13			23.5	Mu.	147	2	
23114	9.10	46.82	4	23	35	26.59[2]	32	42	7.6	Mu.	77	18	[2] R. A. decreased one thread interval.
23115	7	46.72	4	23	35	29.83	33	54	49.9	Mu.	59	42	
23116	8	48.92	4	23	35	30.14[3]	21	55	19.1	Mer.	156	22	[3] "Minute doubtful." R. A. increased 3 min.
	9	48.67	4			30.31			19.1	Tr.	189	24	
23117	10	47.59	2	23	35	30. . .[4]	25	22	15.4[5]	Mer.	196	129	[4] Separate threads give $31^{s}.63$, $29^{s}.76$. An equatorial comparison with Gou 32136 gives $31^{s}.2$.
	10	47.76	2			30.73			9.7	Mer.	109	51	
	10	48.79	1			31.12[6]			14.5[7]	Mu.	209	97	
	9	46.73	3			31.97[8]			15.9	Mer.	70	72	[5] Decl. changed five wire intervals north.
23118	8	46.71	2	23	35	31.29	26	11	33.5	Mu.	56	109	[6] R. A. increased 10 sec.
	9	46.72	5			31.48			33.8	Mer.	66	120	[7] Decl. changed five rev. south.
	8.9	47.80	4			31.48			33.4	Mer.	110	16	[8] R. A. decreased 10 sec.
	..	47.72	2			31.50			....	Mer.	205	115	
	8	47.72	2			31.54			33.7	Tr.	136	72	
23119	9	47.79	1	23	35	32.24	28	23	2.8	Tr.	138	59	
23120	8.9	48.92	5	23	35	35.05	22	32	19.9	Mu.	212	12	
	9	47.84	2			35.10			18.8	Tr.	145	53	
23121	9	47.80	1	23	35	40.01	24	3	49.8	Tr.	141	40	
23122	7	47.82	4	23	35	44.85	23	43	53.5	Mu.	144	84	
	8	47.80	2			44.86			54.2	Tr.	141	41	
23123	9	46.80	1	23	35	56.86[9]	31	12	17.0	Mu.	75	9	[9] "Time of transit doubtful."
23124	9.10	48.66	2	23	35	57.52	21	6	18.5	Mer.	145	30	
	7	48.77	1			57.69			26.5	Mer.	152	39	
	8	48.77	4			58.05			23.8	Mer.	152	38	
23125	8	46.72	2	23	35	59.14	34	15	....	Tr.	73	74	
23126	9	48.76	2	23	36	5.99	17	9	48.5	Tr.	199	27	
23127	9	52.86	..	23	36	7. . .	17	39	16.5	Mer.	252	2	
23128	8	48.79	3	23	36	8.80	25	35	45.8	Mu.	209	98	
	10	47.68	4			8.81			46.4	Tr.	129	65	
	10	46.76	3			8.81			44.3	Tr.	85	16	
	8	47.59	1			8.82[10]			41.7	Mer.	196	130	[10] R. A. increased one thread interval.
	8.9	46.72	4			8.87			47.7	Mer.	66	121	
	7	47.84	7			9.00			45.3	Mer.	211	20	
	7.8	46.73	3			[16.64]			44.2	Mer.	68	140	
23129	6	46.79	2	23	36	14.83	41	31	8.4	Mer.	75	22	
	7	46.71	5			14.94			4.5	Mer.	64	34	
23130	9	48.74	2	23	36	16.25	16	29	42.2	Tr.	197	13	
23131	11	46.75	2	23	36	16.74	28	1	....	Tr.	82	16	
	9.10	47.70	6			16.86			38.7	Mer.	202	111	
	9	46.77	3			16.90			44.5	Mer.	72	79	
	9	46.70	6			16.95			43.8	Mer.	60	123	
	9.10	47.80	3			17.01			43.1	Mu.	140	18	
	9	47.79	2			17.27			44.2	Tr.	138	60	
23132	5	51.94	5	23	36	24.71	19	6	31.7[11]	Mer.	245	11	[11] Decl. changed one rev. north.
	8	48.67	3			24.90			30.6	Mer.	147	15	[12] One of four threads rejected; R. A.=$24^{s}.60$. If thread IV is kept and thread III decreased 1 sec., R. A.=$24^{s}.93$.
	7	48.80	5			25. . .			29.0	Tr.	206	2	
	5	48.77	6			25.20			....	Tr.	200	18	
	8	48.76	3			25.35[12]			33.4[13]	Mer.	151	23	[13] Decl. changed 10 rev. north.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
23133	7	47.79	5	23	36	39.88	27	4	40.4	Mu.	138	18	
	8	47.71	5			40.18			43.5	Mer.	107	82	
	5	46.76	2			40.19			....	Tr.	84	46	
	6.7	47.71	3			40.28			35.4	Tr.	135	5[1]	[1] "Double; south following."
	7	46.71	4			40.31			39.2	Mer.	62	87	
	5.6	46.77	4			40.37			44.0	Mer.	71	68	
23134	9	48.79	3	23	36	43.39	15	15	....	Tr.	205	74	
23135	9	46.71	1	23	36	43.47	27	18	20.8	Mer.	62	88	
	9	47.54	3			43.50			21.4	Mer.	195	203	
	8	46.76	2			43.75			....	Tr.	84	47	
	9	46.75	3			43.75			24.1	Mu.	66	50	
	9	46.77	2			43.98			26.8	Mer.	71	69	
23136	10	48.67	2	23	36	47.27	19	37	....	Tr.	198	23	
	10	48.67	2			47.42			1.5	Mer.	147	16	
23137	8	46.73	2	23	36	48.63	29	34	....	Tr.	79	64	
	9	46.73	2			48.71			....	Tr.	76	68	
	9	47.71	4			48.80			42.9	Mer.	204	150	
	8	47.71	3			48.96			44.1	Mu.	132	183	
23138	9	47.79	1	23	36	50.19	30	36	38.6	Mer.	206	61	
23139	10	48.76	1	23	36	54.69	18	43	7.4	Mer.	151	24	
23140	10	48.67	2	23	36	57.44	20	44	46.9	Mu.	202	12	
	9.10	48.66	2			57.79			42.6[2]	Mer.	145	31	[2] Decl. changed one rev. north. CiZ gives 54″.
	10	48.67	3			57.80			54.1	Tr.	191	14	
23141	8	46.71	4	23	36	58.23	39	9	53.8	Mu.	57	52	
	8	46.80	3			58.36			55.2	Tr.	97	3	
23142	9	47.80	1	23	36	58.25	24	2	37.6	Tr.	141	42	
23143	9	47.54	1	23	36	59.51	27	20	27.6	Mer.	195	204	
23144	9	47.80	1	23	36	59.65	24	0	38.3	Tr.	141	43	
	9	47.87	1			60.51			38.8	Mu.	147	4	
	8	47.82	1			60.94			40.8	Mu.	144	85	
23145	8	47.72	2	23	37	1.13	26	29	17.8[3]	Tr.	136	73	[3] Decl. changed two rev. north.
	9	47.80	4			1.19			21.2	Mer.	110	17	
	9	46.71	2			1.24			21.0	Mu.	56	110	
23146	7.8	47.76	2	23	37	4.33	24	20	9.5	Tr.	137	32	
	7.8	47.87	4			4.43			11.4	Mu.	147	3	
	9	47.82	4			4.64			10.6	Mer.	113	54	
23147	8	47.84	2	23	37	19.71	23	27	40.6	Mu.	146	69	
	9	47.80	1			19.87			41.0	Tr.	141	44	
	9	47.82	3			19.92[4]			41.3	Tr.	143	24	[4] One of four threads rejected; R. A. = 19^s.20.
	7	47.82	1			20.03			39.6	Mu.	144	86	
23148	9	46.70	1	23	37	33.25	35	48	43.9	Tr.	69	14	
23149	9	48.92	2	23	37	36.08	22	6	8.9	Mer.	156	23	
23150	9	47.80	1	23	37	38.29	23	50	9.0[5]	Tr.	141	45	[5] Decl. changed one wire interval south.
23151	9.10	48.92	2	23	37	39.76	22	40	37.5	Mu.	212	13	
23152	12	47.70	2	23	37	40.85[6]	31	20	56.6	Tr.	131	14	[6] CPD gives 42^s.9. CoD gives 42^s.1. An equatorial comparison with two GZ stars gives 42^s.7.
	9	46.80	1			42.60[7]			54.8	Mu.	75	10	
23153	10	46.73	2	23	37	42.89[8]	29	30	....	Tr.	76	69	
23154	8	46.75	2	23	37	48.96	28	21	....	Tr.	82	17	[7] R. A. decreased one thread interval.
	9	47.80	3			49.06			10.1	Mu.	140	19	[8] Separate threads give 42^s.49, 43^s.30.
	9	46.70	3			49.09[9]			13.2[10]	Mer.	60	124	[9] R. A. increased 1 min.
	9	46.77	5			49.17			8.1	Mer.	72	80	[10] Decl. changed one rev. south.
	7	46.73	1			49.37			9.0	Mu.	63	56	
	9	47.79	4			49.40			12.9	Tr.	138	61	
23155	8	46.89	4	23	37	56.89	43	10	24.0	Mer.	80	2	
23156	8	46.72	4	23	38	1.36	33	45	36.0	Mu.	59	43	
23157	6.7	46.71	5	23	38	5.50	41	0	52.9	Mer.	64	35	
23158	8.9	46.71	3	23	38	5.98	38	48	30.8	Mu.	57	53	
23159	10	48.79	3	23	38	7.54	15	35	....	Tr.	205	75	
23160	9	47.54	2	23	38	12.88[11]	27	38	66.9	Mer.	195	205	[11] R. A. decreased 10 sec.
	8	46.70	4			12.92[12]			61.0	Mer.	60	125	[12] R. A. increased 1 min. and one thread interval.
	9	46.75	2			13.33			61.0	Mu.	66	51	
	8.9	46.71	2			13.39			61.1	Mer.	62	89	
	9	47.67	3			13.41			59.4	Tr.	127	50	
23161	9	48.77	5	23	38	13.18	19	30	....	Tr.	200	19[13]	[13] "Double; north preceding."
	8.9	48.67	3			13.19			40.0	Mer.	147	17	
23162	8.9	48.78	3	23	38	18.89	17	58	3.9	Mu.	207	26	
	7	52.86	..			19...			2.7	Mer.	252	3	
23163	9	47.54	1	23	38	36.00[14]	27	43	49.9	Mer.	195	206	[14] R. A. decreased 10 sec.
	9	46.70	4			36.16[15]			54.7	Mer.	60	126	[15] R. A. increased 1 min.
23164	8.9	46.71	1			36.40			49.5	Mer.	62	90	
	8	47.82	1	23	38	40.38	23	51	30.5[16]	Mu.	144	87	[16] Decl. changed two rev. north.
	9	47.80	2			40.56			29.4[17]	Tr.	141	46	[17] Decl. changed one wire interval south.
23165	10	47.82	3	23	38	44.81	24	41	59.1	Mer.	113	55	
	9	46.73	3			44.99			52.0	Mer.	69	150	
	9	46.73	2			45.55			51.3	Mer.	70	73	
23166	10	48.67	1	23	38	52.33	19	35	17.6[18]	Mer.	147	18	[18] Decl. changed one wire interval north.
23167	8	47.71	2	23	38	57.68[19]	29	37	9.4	Mu.	132	184	[19] One of three threads rejected; R. A. = 58^s 62.
	9	46.73	2			58.06			....	Tr.	76	70	
	9	46.73	2			58.08			....	Tr.	79	65	
	8	47.71	3			58.47			10.2	Mer.	204	151	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
23168	9	46.73	4	23	39	3.52	25	7	35.1	Mer.	69	151	
	7.8	47.72	4			3.64			34.9	Mu.	134	115	
	8	46.73	4			3.64			37.0	Mer.	70	74	
	7.8	46.73	3			3.67			34.2[1]	Mer.	68	141	[1] Decl. changed one rev. north.
	10	47.76	3			3.68			37.6	Mer.	109	52	
23169	10	46.75	2	23	39	6.73	28	9	....	Tr.	82	18	
	9	46.70	4			7.29			18.4	Mer.	60	127	
	9	47.79	3			7.79			14.4	Tr.	138	62	
23170	8	47.79	2	23	39	7.66	30	42	10.8	Mu.	139	64	
	8	47.79	6			7.87			7.8	Mer.	206	62	
	10	46.73	1			8.08			10.5	Tr.	77	76	
23171	10	48.67	4	23	39	9.86	20	35	38.8	Tr.	191	15	
	10	48.67	2			9.91			37.2	Mu.	202	13	
23172	10	48.66	2	23	39	20. . .[2]	20	0	7.8[3]	Mu.	198	24	[2] Separate threads give $21^{s}.68$, $20^{s}.83$. AW gives $20^{s}.9$.
	11	48.67	1			20.62			....	Tr.	198	25	
23173	11	48.67	3	23	39	21.15	20	11	....	Tr.	198	24	[3] Decl. changed one rev. north.
23174	10	48.78	2	23	39	21.76	17	55	56.3	Mu.	207	27	
23175	9.10	48.92	2	23	39	22.77	22	20	32.6	Mu.	212	14	
	9	48.92	1			22.87			34.4	Mer.	156	24	
23176	9	46.80	2	23	39	25. . .[4]	31	16	19.8	Mu.	75	11	[4] Separate threads give $28^{s}.66$, $25^{s}.17$. GZ gives $25^{s}.1$.
23177	10	46.69	2	23	39	26.43	33	14	....	Tr.	66	97	
23178	9	47.84	2	23	39	27.40	22	36	22.8	Tr.	145	54	
	9	48.92	2			27.67			24.0	Mu.	212	15	
	10	47.93	4			27.79			21.0	Mer.	116	1	
23179	9.10	46.82	2	23	39	31.25[5]	32	11	5.2	Mu.	77	19	[5] R. A. decreased 1 min. One of three threads rejected; R. A. $=22^{s}.75$. Another thread increased one thread interval.
23180	8	46.71	3	23	39	37.03[6]	38	59	21.7	Mu.	57	54	
23181	10	47.68	3	23	39	37.69	25	18	43.5	Tr.	129	66	
	8	46.73	2			37.71			40.7	Mer.	68	142	[6] R. A. of Nos. 54, 55, 56, 57, and 59 of Mu. 57 apparently about 1 sec. small.
	8.9	46.73	2			37.75			45.5	Mer.	70	75	
	9	48.79	3			37.95			43.1[7]	Mu.	209	99	[7] Decl. changed one rev. south.
	8	47.84	5			38.08			40.2	Mer.	211	21	
	..	47.59	3			38.10[8]			41.6[9]	Mer.	196	131	[8] One of four threads rejected; R. A. $=37^{s}.32$.
	10	47.76	2			38.20			41.1	Mer.	109	53	[9] Decl. changed five rev. north.
23182	..	47.84	2	23	39	39.17	23	6	16.3	Mu.	146	70	
	9	47.82	6			39.19			15.7	Tr.	143	25	
23183	12	48.79	2	23	39	39.97	15	23	....	Tr.	205	76	
23184	9	51.94	5	23	39	45.77	18	46	32.1[10]	Mer.	245	12	[10] Decl. changed nine rev. south.
	9	48.76	3			45.83			35.0	Mer.	151	25	
23185	9	48.74	4	23	39	50.40	16	49	1.2	Tr.	197	14	
	9	48.77	2			50.42[11]			2.3	Mu.	206	22	[11] One of three threads rejected; R. A. $=49^{s}.16$.
	9	48.79	5			50.48			....	Mer.	153	87	
23186	10	47.71	3	23	39	56.37	27	1	11.6	Mer.	107	83	
	10	46.76	2			56.52			....	Tr.	84	48	
	9	47.71	2			56.57			9.2	Tr.	135	6	
23187	8	47.79	1	23	39	57.27	30	22	45.5	Mer.	206	63	
	8.9	47.79	1			57.65			44.9	Mu.	139	65	
23188	8	47.82	3	23	40	3.39	23	51	31.8	Mu.	144	88	
	8.9	47.80	3			3.46			32.5[12]	Tr.	141	47	[12] Decl. changed one wire interval south.
23189	7.8	47.82	1	23	40	5.46	23	26	30.7	Mu.	144	89	
	8.9	47.80	1			5.71			33.6	Tr.	141	48	
23190	6	52.86	..	23	40	25. . .	17	31	51.2	Mer.	252	4	
	7.8	48.76	4			25.38			49.0	Tr.	199	28	
23191	9	47.79	2	23	40	31.39	28	43	45.6	Tr.	138	63	
	9	46.73	2			31.44			39.7	Mu.	63	57	
	8.9	46.77	3			31.58			40.0	Mer.	72	81	
23192	9	47.71	2	23	40	32.16	27	14	6.5	Tr.	135	7[13]	[13] "Double; north preceding."
	9	46.76	2			32.34			....	Tr.	84	49[14]	[14] "Double; both 9th magnitude."
23193	9	46.78	3	23	40	42.39	39	55	48.7	Mer.	74	17	
23194	9	48.66	4	23	40	44.65	19	42	59.0	Mu.	198	25	
	10	48.77	4			44.89			....[15]	Tr.	200	20	[15] Decl. changed one rev. north.
	9	48.67	3			45.37[16]			61.7	Mer.	147	19	[16] R. A. decreased one thread interval.
23195	9	47.80	1	23	40	45.42	23	30	33.5	Tr.	141	49	
23196	9	46.69	2	23	40	48.98	32	59	....	Tr.	66	98	
23197	9	47.80	1	23	40	52.79	24	9	17.9	Tr.	141	50	
23198	9	46.70	3	23	40	58.20	28	23	1.5	Mer.	60	128	
	9	47.79	1			58.87			2.4	Tr.	138	64	
23199	9	47.72	1	23	41	1.87[17]	25	56	48.9	Tr.	136	74	[17] R. A. decreased one thread interval.
23200	5	46.73	3	23	41	6.46	28	57	34.6	Mu.	63	58	
	3.4	47.71	2			6.71			31.5	Mu.	132	185	
23201	9	47.72	2	23	41	10.15	25	58	36.7	Tr.	136	75	
23202	10	48.67	2	23	41	14.69	20	34	20.0	Tr.	191	16	
	10	48.67	1			15.00			22.8	Mu.	202	14	
23203	10	47.71	2	23	41	20.04[18]	26	55	37.1	Mer.	107	84	[18] R. A. increased 10 sec.
	9.10	47.79	2			20.83			35.7	Mu.	138	19	
23204	8	48.92	3	23	41	21.19	21	51	16.1	Mer.	156	25	
	10	48.67	3			21.48			19.7	Tr.	189	25	
23205	7	47.82	1	23	41	22.29	24	3	26.1	Mu.	144	90	
	8	47.80	2			22.43			25.3	Tr.	141	51	
	8.9	47.87	4			22.46			23.9	Mu.	147	5	
	10	47.82	3			22.75			24.0	Mer.	113	56	
	9	47.76	1			22.95			22.9	Tr.	137	33	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
23206	10	48.79	3	23	41	22.29[1]	17	5	....	Mer.	153	88	[1] R. A. decreased 1 min.
	9	48.77	2			22.34			41.7	Mu.	206	23	
23207	12	48.79	3	23	41	27.59	15	45	....	Tr.	205	77	
23208	7	47.79	2	23	41	32.15	28	41	13.8	Tr.	138	65	
	7	46.73	2			32.57			8.4	Mu.	63	59	
	6	46.77	7			32.73			9.7	Mer.	72	82	
23209	9	46.71	4	23	41	39.05	41	12	39.6	Mer.	64	36	
23210	7.6	47.84	2	23	41	39.94	22	26	52.0	Tr.	145	55	
	8	47.93	5			39.95			48.1	Mer.	116	2	
	7.8	48.92	6			40.02			53.9[2]	Mu.	212	16	[2] Decl. changed ten rev. north.
23211	9.10	48.66	2	23	41	40.01	21	16	37.6[3]	Mer.	145	32	[3] If micrometer reading be assumed as 41.51 instead of 41.31 rev., as recorded, Decl.=30''.7. CiZ gives 36''.
	8	48.66	2			40.16[4]			29.1	Tr.	188	33	
23212	9	46.82	5	23	41	43.65	32	14	10.1	Mu.	77	20	
	8	46.77	3			43.84			11.5	Tr.	87	29	[4] One of three threads rejected; R. A.=$41^{s}.1$.
23213	7	48.77	..	23	41	46...	16	41	36.6	Mu.	206	24	
	9	48.79	2			46.56			....	Mer.	153	89	
	8.9	48.74	4			46.61			37.6	Tr.	197	15	
23214	9	46.89	2	23	41	54.79[5]	43	6	45.6	Mer.	80	3	[5] R. A. decreased one thread interval.
23215	9	46.70	5	23	41	56.36	29	10	31.4	Mer.	58	78	
	7.8	47.71	4			56.65			30.4	Mer.	204	152	
	8	46.73	2			56.66			....	Tr.	76	71	
	8	46.73	2			56.68			....	Tr.	79	66	
	7.8	47.71	1			56.69			29.7	Mu.	132	186	
23216	9	47.80	2	23	41	57.27	23	55	58.0	Tr.	141	52	
23217	8	46.89	2	23	42	2.58	43	8	1.5	Mer.	80	4	
23218	6	47.72	1	23	42	2.78[6]	26	9	49.3	Mer.	205	116	[6] R. A. decreased one thread interval.
	7.8	47.80	7			2.88			49.1	Mer.	110	18	
	7.8	46.72	7			2.95			51.2	Mer.	66	122	
	6.7	47.72	2			3.04			52.1[7]	Tr.	136	76	[7] Decl. changed two rev. south.
	5	46.71	4			3.10			52.1	Mu.	56	111	
23219	9	46.80	2	23	42	3.15	39	48	26.4	Tr.	97	4	
23220	10	48.67	1	23	42	9.38	19	14	23.8	Mer.	147	20	
23221	9	47.76	5	23	42	10.99	24	59	49.1	Mer.	109	54	
	9	46.73	7			11.20			57.3	Mer.	69	152	
	8	46.73	4			11.20			57.7	Mer.	70	76	
	8	47.72	1			11.40			55.0	Mu.	134	116	
23222	8.9	46.71	1	23	42	14.06	38	9	41.1	Tr.	71	56	
23223	8	47.79	2	23	42	14.15	30	38	37.4	Mu.	139	66	
	8	47.79	3			14.68			34.5	Mer.	206	64	
	10	46.73	3			14.70			37.6	Tr.	77	77	
23224	11	46.75	2	23	42	21.93	27	57	....	Tr.	82	19	
	9.10	47.80	2			22...[8]			48.1	Mu.	140	20	[8] Separate threads give $22^{s}.31$, $23^{s}.21$.
	9	46.70	6			22.07			51.5	Mer.	60	129	
	9	47.79	1			22.35			60.7	Tr.	138	66	
23225	7.8	47.70	2	23	42	24.66	30	14	8.4	Mu.	131	135	
	7	47.79	1			24.74			11.8	Mu.	139	68	
	8	46.82	4			24.85[9]			9.9	Mu.	76	14	[9] R. A. increased 5 min.
23226	10	46.69	2	23	42	25.38	33	20	....	Tr.	66	99	
23227	9	48.78	2	23	42	26.99	18	12	32.7	Mu.	207	28	
23228	8	48.92	2	23	42	29.62[10]	21	42	54.0[11]	Mer.	156	26	[10] R. A. decreased 10 sec.
	8	48.67	2			29.88			53.2	Tr.	189	26	[11] Decl. changed ten rev. south.
23229	9	46.72	1	23	42	31.88	36	48	33.4	Tr.	74	65	
23230	9	47.80	1	23	42	39.03	23	43	58.1	Tr.	141	53	
23231	9	47.82	7	23	42	40.11	23	4	34.2	Tr.	143	26	
	8	47.84	3			40.20			34.3	Mu.	146	71	
23232	9	48.79	2	23	42	43.11	15	48	....	Tr.	205	78	
23233	7	48.66	3	23	42	48.13	21	3	59.1	Tr.	188	34	
	8.9	48.66	2			48.30			56.2	Mer.	145	33	
	8.9	48.67	5			48.40[12]			56.8	Mu.	200	14	[12] Three threads increased 20 sec. each.
23234	8	47.79	3	23	42	55.60	26	44	27.9	Mu.	138	20	
	9	47.71	3			55.84			25.3	Tr.	135	8	
	8	46.76	2			55.89			....	Tr.	84	50	
23235	8	47.79	2	23	42	56.50[13]	30	45	61.1	Mer.	206	65	[13] One of three threads rejected; R. A.=$57^{s}.29$.
	8	47.79	1			56.97			59.5[14]	Mu.	139	67	[14] Decl. changed one rev. south.
23236	7	51.94	5	23	43	1.70	19	7	29.4[15]	Mer.	245	13	[15] Decl. changed one rev. north.
	10	48.80	4			2...			28.0	Tr.	206	3	
	9	48.67	3			2.12			27.3	Mer.	147	21	
23237	10	47.82	1	23	43	5.01	24	6	39.2	Mer.	113	57	
	9	47.80	1			5.34			46.9	Tr.	141	54	
	9.10	47.87	2			5.49[16]			40.1	Mu.	147	6	[16] R. A. increased one thread interval.
23238	10	48.79	1	23	43	5.39	16	57	....	Mer.	153	90	
	10	48.74	2			5.56			26.9	Tr.	197	16	
23239	9	46.72	2	23	43	7.96	34	23	....	Tr.	73	75	
23240	10	48.67	2	23	43	24.28	19	52	....	Tr.	198	26	
23241	9	47.72	2	23	43	26.55	25	59	54.8	Tr.	136	77	
23242	9	46.71	4	23	43	31.15	41	19	7.6	Mer.	64	37	
23243	9	46.73	1	23	43	32.23	30	48	2.2	Tr.	77	78	
	8	47.79	1			32.23			2.3	Mu.	139	69	
	8	47.79	2			32.24			1.2	Mer.	206	66	
23244	8	46.72	2	23	43	34.40	36	51	45.4	Tr.	74	66	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES
		1800+		h	m	s	°	′	″				
23245	6.7	48.77	3	23	43	36.23[1]	19	44	....	Tr.	200	21	[1] One of four threads rejected, R. A.=$35^{s}.50$.
	7	48.67	2			36.46			....	Tr.	198	27	
23246	7	46.69	2	23	43	39.93	33	15	....	Tr.	66	100	
23247	8	48.92	2	23	43	47.35	21	36	54.7[2]	Mer.	156	27	[2] Decl. changed ten rev. south.
	8	48.67	2			47.36			56.2	Tr.	189	27	
23248	10	48.76	2	23	43	48.79	18	41	45.0	Mer.	151	26	
23249	8	46.70	2	23	43	50.07	35	31	26.9	Tr.	69	15	
23250	9	46.71	4	23	43	52.90	41	39	36.5	Mer.	64	38	
	5	46.79	6			53.00			31.9	Mer.	75	23	
23251	7	46.89	2	23	43	55.70	43	30	26.7	Mer.	80	5	
23252	7	46.72	2	23	44	0.55	34	17	....	Tr.	73	76	
23253	9.10	48.76	4	23	44	0.66	17	42	46.5	Tr.	199	29	
23254	10	47.76	3	23	44	3.22	24	55	6.3	Mer.	109	55	
	9	46.73	6			3.48			4.7	Mer.	69	153	
	8	47.72	2			3.53			3.1	Mu.	134	117	
	9	46.73	4			3.56			2.5	Mer.	70	77	
23255	7	46.72	4	23	44	6.63	33	57	22.1	Mu.	59	44	
23256	9	46.70	6	23	44	7.15	29	9	41.4	Mer.	58	79	
	8	47.71	5			7.19			35.3	Mer.	204	153	
	7.8	47.71	3			7.23			39.9	Mu.	132	187	
	7	46.73	2			7.24			....	Tr.	79	67	
	7	46.73	2			7.35			....	Tr.	76	72	
	8	46.73	3			7.42			38.0	Mu.	63	60	
23257	9	46.69	1	23	44	9.40	33	19	....	Tr.	66	101	
23258	9	46.77	4	23	44	18.19	31	54	34.7	Tr.	87	30	
23259	9	48.78	2	23	44	27.34[3]	18	14	14.5	Mu.	207	29	[3] Separate threads give $27^{s}.70$, $26^{s}.99$.
23260	9	52.86	..	23	44	29...	17	13	58.7	Mer.	252	5	
	10	48.74	2			29.66			63.0	Tr.	197	17	
23261	10	48.79	2	23	44	30.83	16	41	....[4]	Mer.	153	91	[4] Decl. changed one wire interval north.
23262	10	47.80	2	23	44	33.33[5]	27	53	44.2	Mu.	140	21	[5] One of three threads rejected; R. A.=$34^{s}.61$.
	10	46.75	2			34.29			....	Tr.	82	20	
	9	46.70	6			34.33[6]			44.9	Mer.	60	130	[6] One of seven threads rejected; R. A.=$33^{s}.36$.
23263	11	48.80	2	23	44	34...	18	51	34.0	Tr.	206	4	
	9	48.76	2			34.63			30.8	Mer.	151	27	
	9	51.94	5			34.70			30.7[7]	Mer.	245	14	[7] Decl. changed one rev. north.
23264	8	51.94	5	23	44	38.12	19	2	32.8[8]	Mer.	245	15	[8] Decl. changed one rev. north.
23265	9	47.71	2	23	44	40.11[9]	29	12	29.9[10]	Mer.	204	154	[9] One of three threads rejected; R. A.=$39^{s}.02$.
23266	9	46.70	1	23	44	44.36	34	55	57.9	Mu.	53	55	[10] Decl. changed ten rev. south.
23267	5	46.71	2	23	44	55.07[11]	25	49	10.8	Mu.	56	112	[11] One of three threads rejected; R. A.=$55^{s}.80$.
	8	47.59	5			55.22			29.1[12]	Mer.	196	132	[12] Decl. changed one wire interval north. If micrometer reading be assumed as 34.58 instead of 34.058 rev., as recorded, Decl.= 11″.1.
	5.6	46.76	4			55.29			13.9	Tr.	85	17	
	6	47.68	3			55.34			11.2	Tr.	129	67	
	7.8	46.72	7			55.39			14.6	Mer.	66	123	
	6	46.73	7			55.51			15.8	Mer.	68	143	
	6	48.79	5			55.57			12.0	Mu.	209	100	
23268	8	48.77	2	23	44	55.10	19	23	....	Tr.	200	22	
	9	48.67	2			55.39			44.4	Mer.	147	22	
23269	7	52.86	..	23	44	57...	17	12	29.2	Mer.	252	6	
	9	48.74	1			57.27			29.2	Tr.	197	18	
	8.9	48.77	4			57.73			29.2	Mu.	206	25	
23270	9.10	48.76	3	23	45	5.98	17	33	3.1	Tr.	199	30	
23271	9	47.72	2	23	45	8.43	25	58	10.1	Tr.	136	78	
	10	47.80	3			8.66			10.0	Mer.	110	19	
23272	8	48.92	2	23	45	10.75[13]	22	18	50.2	Mer.	156	28	[13] One of three threads rejected; R. A.=$11^{s}.66$.
	9	48.92	2			11.14			48.8	Mu.	212	17	
	9	47.84	2			11.16			47.5	Tr.	145	56	
	9	47.93	5			11.40			50.8[14]	Mer.	116	3	[14] Decl. changed one wire interval north.
23273	8	47.71	1	23	45	12.81	29	11	24.2	Mer.	204	155	
	8	46.73	2			13...[15]			....	Tr.	76	73	[15] One thread decreased 10 sec. Separate threads give $13^{s}.27$, $14^{s}.52$.
	9	46.73	2			13.35			....	Tr.	79	68	
	8	47.71	2			13.53			18.0	Mu.	132	188	
23274	10	47.82	2	23	45	17.73	24	23	25.2	Mer.	113	58	
	9.10	47.87	1			19.01[16]			28.2	Mu.	147	7	[16] "Time of transit doubtful."
23275	8	46.76	2	23	45	25.55	26	53	....	Tr.	84	51	
	9	47.71	2			25.62			37.1	Tr.	135	9	
	10	47.71	3			25.65			37.5	Mer.	107	85	
	9	47.79	2			25.84[17]			38.6	Mu.	138	21	[17] One of three threads rejected; R. A.=$24^{s}.64$.
23276	9	46.71	4	23	45	28.92	41	24	50.9	Mer.	64	39	
23277	7	47.76	5	23	45	34.61	25	3	39.2	Mer.	109	56	
	6	46.73	2			35.04			46.0	Mer.	68	144	
	5	46.73	7			35.10			56.5[18]	Mer.	69	154	[18] Decl. changed ten rev. south. If micrometer reading be assumed as 35.55 instead of 45.35 rev., as recorded, Decl.=49″.6. Gou gives 48″.
	6	47.72	4			35.11			48.2	Mu.	134	118	
	5	46.73	6			35.23			45.8	Mer.	70	78	
23278	9	47.72	2	23	45	35.73	26	31	15.5[19]	Tr.	136	79	[19] Decl. changed one rev. south.
23279	9	48.67	1	23	45	44.48	19	5	50.7	Mer.	147	23	
	9	48.76	2			44.75			48.6	Mer.	151	28	
23280	9	47.80	1	23	45	47.68	23	47	10.0	Tr.	141	55	
23281	9.10	48.66	2	23	45	53.61	21	21	0.0	Mer.	145	34	
	8	48.66	3			53.87			0.4	Tr.	188	35	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
23282	7	47.79	3	23	45	57.19	30	13	52.3	Mu.	139	70	
	7	47.70	4			57.51			52.2	Mu.	131	136	
	8	46.82	3			57.52			52.3	Mu.	76	15	
	7.8	47.79	2			57.64			52.6	Tr.	140	1	
23283	9	47.72	1	23	45	58.22	26	15	9.5	Tr.	136	80	
23284	10	48.92	2	23	45	59.25	22	27	15.3	Mu.	212	18	
23285	9	48.77	1	23	46	2.03	19	11	....[1]	Tr.	200	23	[1] Decl. changed one wire interval north.
23286	8	47.70	3	23	46	11.38	31	11	20.6	Tr.	131	15	
	7.8	46.80	5			11.45			25.1	Mu.	75	12	
23287	9.10	46.82	1	23	46	13.70	32	37	40.5	Mu.	77	21	
23288	9	47.71	3	23	46	17.28	29	19	18.6	Mer.	204	156	
	9	46.73	2			17.62			....	Tr.	79	69	
	8.9	47.71	2			17.64			20.1	Mu.	132	189	
	8	46.73	2			17.75			....	Tr.	76	74	
23289	9	47.80	1	23	46	24.86	23	47	5.8	Tr.	141	56	
23290	9	47.79	1	23	46	31.94	28	34	19.2	Tr.	138	67	
23291	9	47.80	4	23	46	35.41	27	52	40.1	Mu.	140	22	
23292	7	47.67	4	23	46	35.14	27	52	36.6	Tr.	127	51[2]	[2] Component not stated.
	8	47.54	7			35.42			44.5	Mer.	195	207[2]	
	7	46.71	3			35.42			41.1	Mer.	62	91[2]	
	7	46.75	3			35.70			....	Tr.	82	21[3]	[3] "Double; 7th and 8th magnitudes."
	8	47.70	4			35.76[4]			38.9[5]	Mer.	202	112[2]	[4] Three of seven threads rejected; R. A.=
23293	8.9	47.80	4	23	46	35.76	27	52	40.1	Mu.	140	23	34^{s}.20, 34^{s}.90, 34^{s}.63.
	8	46.70	7			35.87			40.5	Mer.	60	131[6]	[5] Decl. changed one rev. south.
	7	46.75	5			35.88			39.0	Mu.	66	52[7]	[6] "Double; following observed."
23294	9	47.79	3	23	46	36.90	31	2	51.3	Mer.	206	67	[7] "Double; last star observed; first, 8th mag-
23295	8	46.69	2	23	46	41.91[8]	33	18	....	Tr.	66	102	nitude."
23296	6	46.71	5	23	46	45.61	41	8	13.1	Mer.	64	40	[8] One thread decreased 10 sec.
23297	8	47.82	2	23	46	54.43	23	52	1.6	Mu.	144	91	
	8.9	47.80	2			54.69			4.8	Tr.	141	57	
23298	9	46.72	2	23	46	58.02	34	28	....	Tr.	73	77	
23299	11	48.67	3	23	47	10.96	19	57	....	Tr.	198	28	
23300	12	48.77	1	23	47	11.63	19	34	....	Tr.	200	24	
	10	48.67	1			12.10[9]			33.2	Mer.	147	24	[9] R. A. increased one thread interval.
23301	10	48.67	4	23	47	13.99	20	52	45.5	Tr.	191	17	
	8	48.67	3			14.07			40.5	Mu.	202	15	
	9	48.67	4			14.29			42.3	Mu.	200	15	
	6	48.77	2			14.35[10]			45.2	Mer.	152	40	[10] One of three threads rejected; R. A.=13^{s}.41.
23302	9	46.71	2	23	47	18.28	38	11	51.6	Tr.	71	57	
23303	8	48.92	2	23	47	26.19	22	12	46.6	Mu.	212	19	
	7	48.67	2			26.33			46.7	Tr.	189	28	
	6	48.92	5			26.41			49.5	Mer.	156	29	
	8	47.93	4			26.61			53.2	Mer.	116	4	
23304	7	46.82	5	23	47	30.64	32	45	23.0	Mu.	77	23	
23305	7	46.82	5	23	47	30.66	32	43	8.7	Mu.	77	22	
23306	9	47.72	2	23	47	35.33	26	18	9.0[11]	Tr.	136	81	[11] Decl. changed two rev. south.
23307	10	48.80	5	23	47	42...	18	39	47.4	Tr.	206	5	
	8	51.94	5			42.02			53.3[12]	Mer.	245	16	[12] Decl. changed one rev. north.
	9	48.76	3			42.52			50.1	Mer.	151	29	
23308	9	47.79	3	23	47	46.19	28	16	22.5	Tr.	138	68	
	9	46.70	4			46.76			23.0[13]	Mer.	60	132	[13] Decl. changed one wire interval south.
23309	12	48.79	2	23	47	47.65	15	40	....	Tr.	205	79	
23310	9	47.80	1	23	47	47.90	23	50	56.3	Tr.	141	58	
23311	9	46.71	3	23	47	50.20	27	26	16.1	Mer.	62	92	
	8	47.54	2			50.42			13.8	Mer.	195	208	
23312	7	48.92	2	23	47	50.84	21	47	18.8	Mer.	156	30	
23313	8.9	46.71	5	23	47	53.17[14]	38	54	4.2	Mu.	57	55	[14] R. A. of Nos. 54, 55, 56, 57, and 59 of Mu.
23314	10	47.76	4	23	47	54.24	25	3	46.1	Mer.	109	57	57 apparently about 1 sec. small.
	8	47.72	2			54.55			52.7	Mu.	134	119	
	8.9	46.73	3			54.59			52.7	Mer.	70	79	
	9.10	46.73	2			54.66[15]			50.9	Mer.	68	145	[15] R. A. increased two thread intervals.
	8	46.73	4			54.93			53.1[16]	Mer.	69	155	[16] Decl. changed ten rev. south.
23315	9	47.80	2	23	48	3.94	23	48	30.4	Tr.	141	59	
23316	10	47.82	3	23	48	5.22	24	26	21.3	Mer.	113	59	
	9.10	47.87	2			5.52			26.9	Mu.	147	8	
23317	8	47.72	1	23	48	9.78	25	12	55.5	Mu.	134	120	
	8	46.73	3			9.81			54.7	Mer.	70	80	
	8.9	46.73	2			10.02			58.7	Mer.	68	146	
	8	46.73	4			10.23			55.8	Mer.	69	156	
23318	9	48.77	3	23	48	14.51	21	18	3.0	Mer.	152	41	
23319	9	46.78	2	23	48	21.24	39	52	42.4	Mer.	74	18	
23320	10	47.71	4	23	48	21.95[17]	26	44	36.5[18]	Mer.	107	86	[17] R. A. decreased 1 min.
	8	46.76	2			22.32			....	Tr.	84	52	[18] Decl. changed one rev. north.
	9	47.79	3			22.47[19]			34.2	Mu.	138	22	[19] One of four threads rejected; R. A.=21^{s}.73.
	9	47.71	2			22.60			34.5	Tr.	135	10	
23321	6	47.84	3	23	48	23.02[20]	22	49	39.8	Tr.	145	57	[20] One thread decreased one thread interval.
	8	48.92	3			23.15			37.5	Mu.	212	20	
	6.7	47.82	6			23.26			40.9	Tr.	143	27	
	7	47.84	7			23.46			38.4	Mu.	146	72	
23322	10	47.80	4	23	48	23.14	26	7	55.4[21]	Mer.	110	20	[21] Decl. changed one rev. south.
	9	47.72	1			23.23			54.1[22]	Tr.	136	82	[22] Decl. changed one rev. south.
	8	47.72	2			23.30			57.1	Mer.	205	117	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
23323	10	48.76	2	23	48	24.36	18	50	28.3	Mer.	151	30	
	9	51.94	5			24.72			28.0[1]	Mer.	245	17	[1] Decl. changed one rev. north.
23324	9	47.72	2	23	48	33.01	26	16	30.4	Tr.	136	83	
23325	9	47.79	1	23	48	43.86	30	37	24.7[2]	Mu.	139	71	[2] If micrometer reading be assumed as 33.55 instead of 33.25 rev., as recorded, Decl. =5″.8. An equatorial comparison with Gou 32389 gives 7″.
	9	47.79	2			44.27			7.1	Mer.	206	68	
23326	4	47.68	4	23	48	45.81	25	34	18.6	Tr.	129	68	
	7	47.59	4			45.83[3]			19.2	Mer.	196	133	
	5.6	46.76	4			45.84			19.2	Tr.	85	18	[3] One of five threads rejected; R. A. =44^{s}.98.
	7	47.96	7			45.90			23.7	Mu.	149	1	
	6	46.73	2			46.02			19.9	Mer.	68	147	
	7.8	46.72	6			46.05			20.3	Mer.	66	124	
	5.6	48.79	4			46.06			21.8	Mu.	209	101	
23327	10	47.79	1	23	48	45.99	29	56	49.1	Tr.	140	2	
23328	8	47.79	1	23	48	46.54	30	20	36.5	Tr.	140	3	
	6	47.79	2			46.58			43.3	Mer.	206	69	
	8	46.82	4			46.62			38.8	Mu.	76	16	
	7	47.70	4			46.64			40.4	Mu.	131	137	
	7	46.73	4			46.67			38.3	Tr.	77	79	
23329	8	48.66	1	23	48	49.84	21	0	53.9	Tr.	188	36	
23330	9.10	48.92	1	23	48	51.76	22	27	18.8	Mu.	212	21	
23331	9	48.78	3	23	48	52.22	18	6	4.9	Mu.	207	30	
23332	8	46.89	6	23	48	54.31	43	1	41.6	Mer.	80	6	
23333	9	47.80	1	23	48	55.64	23	43	56.3	Tr.	141	60	
23334	9	52.86	..	23	48	57...	17	53	30.3	Mer.	252	7	
23335	10	48.74	2	23	49	2.85	17	13	31.4	Tr.	197	19	
	9	48.76	2			3.05			30.1	Tr.	199	31	
23336	8	46.80	1	23	49	5.21	44	10	8.1	Mer.	77	46	
23337	9	46.73	3	23	49	9.30	25	15	38.9	Mer.	69	157	
23338	5.6	46.75	1	23	49	23.30	27	27	32.7	Mu.	66	53	
	7	46.71	3			23.53			30.5	Mer.	62	93	
	6	47.67	3			23.66			31.6	Tr.	127	52	
	9	47.54	3			23.74[4]			31.9	Mer.	195	209	[4] R. A. increased 40 sec.
23339	8	46.70	7	23	49	25.27	27	40	15.2	Mer.	60	133	
	8.9	46.71	1			25.33[5]			13.5	Mer.	62	94	[5] R. A. decreased one thread interval.
23340	5	48.77	3	23	49	27.04	21	40	3.9	Mer.	152	42	
	7	48.67	3			27.17			5.8	Tr.	189	29	
	5	48.92	3			27.24			5.2	Mer.	156	31	
23341	11	48.77	1	23	49	33.88	19	13	....	Tr.	200	25	
	10	48.67	4			33.94[6]			40.7	Mer.	147	25	[6] R. A. decreased 1 min.
23342	10	48.74	1	23	49	40.25	16	55	49.3	Tr.	197	20	
23343	6.7	46.77	4	23	49	43.28	37	32	24.1	Mu.	69	18	
23344	9	48.92	2	23	49	45.38	22	28	51.3	Mu.	212	22	
	9	47.93	3			45.82			54.4	Mer.	116	5	
23345	8	46.73	2	23	49	45.77	28	52	38.4[7]	Mu.	63	61	[7] If micrometer reading be assumed as 25.413 instead of 25.213 rev., as recorded, Decl. = 25″.8. AW gives 26″. Gou gives 28″.
23346	9	47.80	1	23	49	49.62	23	54	43.5[8]	Tr.	141	61	
23347	9	47.79	1	23	49	51.98	30	32	16.2	Mu.	139	72	
23348	7	46.72	2	23	49	52.67	34	1	30.3	Mu.	59	45	[8] Decl. changed one wire interval south.
	7	46.93	5			52.80			29.2	Mu.	84	1	
23349	9	46.80	2	23	50	6.65[10]	31	16	34.1	Mu.	75	13[9]	[9] "Barely visible."
	9	47.70	3			6.99			26.9	Tr.	131	16	[10] One of three threads rejected; R. A. =12^{s}.14.
23350	9	46.71	1	23	50	9.22	37	56	3.1	Tr.	71	58	
23351	10	48.78	2	23	50	13.02[11]	17	51	2.7	Mu.	207	31	[11] R. A. increased 1 min.
23352	8	46.80	2	23	50	13.95[12]	39	47	28.4	Tr.	97	5	[12] One of three threads rejected; R. A. =13^{s}.19.
23353	9	46.73	1	23	50	18.47	28	50	6.1	Mu.	63	62	
	9	46.77	2			18.67			5.7	Mer.	72	83	
23354	9	48.92	1	23	50	24.81	22	44	10.5	Mu.	212	23	
	9	47.84	2			25.11			8.1	Tr.	145	58	
	10	47.93	1			25.12			12.7[13]	Mer.	116	6	[13] Micrometer rev. assumed.
	8	47.84	1			25.29			10.1	Mu.	146	73	
23355	8	48.77	4	23	50	38.18	16	40	56.4	Mu.	206	26	
	8.9	48.79	4			38.30			....	Mer.	153	92	
23356	8	48.77	2	23	50	38.62	21	9	10.2	Mer.	152	43	
	8	48.66	2			38.64			8.0	Tr.	188	37	
23357	10	47.84	1	23	50	41.27	22	44	3.1	Tr.	145	59	
	9.10	48.92	1			41.54			4.8	Mu.	212	24	
23358	9	46.70	2	23	50	45.17	35	7	7.6	Mu.	53	56	
23359	9	47.76	4	23	50	47.67	25	0	12.1	Mer.	109	58	
	7.8	47.72	5			47.77			16.6	Mu.	134	121	
	9	46.73	7			47.84			17.5	Mer.	69	158	
	7.8	46.73	3			47.86			14.8	Mer.	68	148	
	8	46.73	7			47.92			14.6	Mer.	70	81	
23360	9	47.72	1	23	50	49.11	26	10	7.0	Tr.	136	84	
23361	9	47.79	1	23	50	49.59	30	2	50.1	Tr.	140	5	
	8	47.70	4			49.75			44.8	Mu.	131	138	
23362	8	46.71	4	23	50	55.97[14]	39	3	36.7	Mu.	57	56	[14] R. A. of Nos. 54, 55, 56, 57, and 59 of Mu. 57 apparently about 1 sec. small.
23363	9	46.73	1	23	50	57.34	30	20	9.7	Tr.	77	80	
	10	47.79	1			57.52			14.7	Tr.	140	4	
	8	47.79	1			57.81			10.2	Mu.	139	73	
23364	10	48.67	2	23	51	0.00[15]	20	51	36.9	Tr.	191	18	[15] One of three threads rejected; R. A. =0^{s}.75.
23365	8	46.77	4	23	51	5.01	32	18	50.5	Tr.	87	31	
	9	46.82	3			5.49[16]			50.2	Mu.	77	24	[16] One of four threads rejected; R. A. =3^{s}.38.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
23366	7.8	46.77	3	23	51	6.96	28	36	32.0	Mer.	72	84	
	8	46.73	2			7.05			33.8	Mu.	63	63	
	9	47.79	4			7.09			31.2	Tr.	138	69	
	8	47.70	7			7.13			39.3	Mer.	202	113	
	9	46.75	2			7.19			....	Tr.	82	22	
23367	8	48.67	3	23	51	8.46	20	29	14.5	Mu.	202	16	
	9	48.67	3			8.56			14.6	Mu.	200	16	
23368	9	47.80	3	23	51	13.80	23	51	5.6	Tr.	141	62	
23369	8	47.79	3	23	51	13.88	30	44	47.3	Mer.	206	70	
	8.9	47.79	1			14.26			46.5	Mu.	139	74	
23370	9	47.71	3	23	51	18.49	29	29	12.4	Mer.	204	157	
	9	46.73	2			18.56			....	Tr.	76	75	
	8.9	47.71	2			18.67			10.6	Mu.	132	190	
	9	46.73	2			18.69			....	Tr.	79	70	
23371	8	48.66	2	23	51	23.52	21	27	37.8	Tr.	188	38	
	8	48.67	2			23.62			38.6	Tr.	189	30	
	7	48.77	2			23.91			37.6[1]	Mer.	152	44	[1] Decl. changed ten rev. south.
23372	7	46.89	3	23	51	24.60	43	4	20.5	Mer.	80	7	
23373	9	48.77	3	23	51	28.61[2]	19	22	....	Tr.	200	26	[2] One of four threads rejected; R. A. = $29^{s}.44$
	9	48.67	3			29.03			32.6	Mer.	147	26	
23374	10	47.71	4	23	51	33.36[3]	26	53	5.7	Mer.	107	87	[3] R. A. decreased 1 min.
	8	46.76	2			33.40			....	Tr.	84	53	
	9	47.71	3			33.42			2.8	Tr.	135	11	
	8.9	47.79	4			33.48			3.9	Mu.	138	23	
23375	8	52.86	..	23	51	33...	17	46	39.2	Mer.	252	8	
	9	48.78	2			33.68			41.5	Mu.	207	32	
	9	48.76	4			33.75			35.5	Tr.	199	32	
23376	7	48.67	2	23	51	40...[4]	20	51	28.4	Mu.	200	17	[4] Separate threads give $39^{s}.65$, $40^{s}.87$.
	9	48.67	2			40.43			26.8	Tr.	191	19	
	7	48.67	2			40.69			27.8	Mu.	202	17	
23377	9	48.92	4	23	51	41.42	21	46	50.9	Mer.	156	32	
23378	10	47.68	3	23	51	42.71	26	10	17.7[5]	Mer.	106	1	[5] Decl. changed one wire interval south.
	10	47.80	2			42.98			19.5[6]	Mer.	110	21	[6] Decl. changed one rev. north.
	9	47.72	2			43.02			15.2	Mer.	205	118	
	8.9	47.72	2			43.29			14.1	Tr.	136	85	
23379	7.8	47.79	1	23	51	44.45	30	19	13.7	Tr.	140	6	
	6.7	47.79	2			44.56			12.8	Mu.	139	75	
	3.4	47.79	2			44.64			15.1[7]	Mer.	206	71	[7] Decl. changed one rev. north.
	6	46.82	5			44.86			12.3	Mu.	76	17	
	5.6	47.70	3			44.87			11.7	Mu.	131	139	
	4.5	46.73	2			44.88			12.6	Tr.	77	81	
23380	7	46.75	1	23	51	46.37	27	21	33.7	Mu.	66	55	
	9	46.71	5			46.46			30.9	Mer.	62	95[8]	[8] "Double; first observed."
	9	47.67	3			46.47			32.2	Tr.	127	53	
23381	8	47.54	4	23	51	46.41[9]	27	21	39.3	Mer.	195	210[10]	[9] R. A. decreased 2 min.
23382	7	46.75	1	23	51	47.05	27	21	43.6	Mu.	66	54	[10] Which component uncertain.
23383	9	46.70	3	23	51	48.89	28	6	53.5	Mer.	60	134	
23384	8.9	46.89	2	23	51	49.68	43	7	6.7	Mer.	80	8	
23385	7.8	46.82	5	23	51	51.21	32	31	29.4	Mu.	77	25	
23386	9	46.70	1	23	51	58.15	35	49	55.9	Tr.	69	16	
23387	9	47.76	2	23	52	0.96[11]	25	28	44.5	Mer.	109	59	[11] One thread decreased one thread interval.
	7	46.76	4			1.21			47.0	Tr.	85	19	
	8.9	47.96	3			1.30			47.2	Mu.	149	2	
	9	47.68	6			1.31			50.5	Tr.	129	69	
	7.8	46.73	3			1.39			44.7	Mer.	68	149	
	8	47.59	6			1.54			49.9[12]	Mer.	196	134	[12] Decl. changed four wire intervals north.
	6	48.79	3			1.86			46.0	Mu.	209	102	
23388	6	46.69	2	23	52	1.28	33	2	....	Tr.	66	103	
23389	10	46.73	2	23	52	4.55	29	20	....	Tr.	79	71	
	10	46.73	2			4.70			....	Tr.	76	76	
	9	47.71	2			5.60[13]			24.9	Mer.	204	158	[13] R. A. decreased 10 sec.
23390	9.10	46.82	1	23	52	5.57	30	8	16.2	Mu.	76	18[14]	[14] Unidentified. "Time of transit and micrometer reading doubtful."
23391	9	48.67	2	23	52	8.65	19	20	27.1	Mer.	147	27	
	10	48.77	1			8.98			....	Tr.	200	27	
23392	8	47.84	2	23	52	9.62[15]	23	15	51.6	Mu.	146	74	[15] One of three threads rejected; R. A. = $8^{s}.63$.
	9	47.82	5			9.98			53.5	Tr.	143	28	
23393	10	46.75	2	23	52	14.22	28	32	....	Tr.	82	23	
	9	47.79	3			14.59			25.5	Tr.	138	70	
	9	47.70	2			14.72			33.7	Mer.	202	114	
23394	9	48.92	2	23	52	20.27	21	44	52.4	Mer.	156	33	
23395	9	46.76	2	23	52	23.79	27	0	....	Tr.	84	54	
	9	47.71	2			23.96			54.6	Tr.	135	12	
	9	47.79	2			24.06			52.2	Mu.	138	24	
23396	11	48.80	3	23	52	24...	18	50	47.2	Tr.	206	6	
	8	51.94	4			24.36[16]			52.3[17]	Mer.	245	18	[16] One of five threads rejected; R. A. = $24^{s}.00$.
	9	48.76	4			24.57			48.3	Mer.	151	31	[17] Decl. changed one rev. north.
23397	9	47.89	1	23	52	26.06[18]	23	25	45.6	Mu.	148	1	[18] "Time of transit doubtful."
	8.9	47.80	2			27.29			48.0[19]	Tr.	141	63	[19] Decl. changed one rev. north.
	7.8	47.82	1			27.30			43.2	Mu.	144	92	
	8	47.84	1			27.42			46.6	Mu.	146	75	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
23398	11	46.72	1	23	52	26.47	36	47	40.4	Tr.	74	67	
23399	10	47.72	1	23	52	26.87	26	9	35.7	Mer.	205	119	
	9	47.72	2			27.42			32.6	Tr.	136	86[1]	[1] "Double; north observed."
23400	10	48.67	4	23	52	28.33[2]	20	15	....[3]	Tr.	198	29	[2] One of five threads rejected; R. A. = $29^{s}.05$.
23401	8.9	46.71	4	23	52	29.22	41	1	34.3	Mer.	64	41	[3] Decl. changed ten rev. north.
23402	9	46.70	5	23	52	29.42	27	42	40.6	Mer.	60	135	
23403	10	47.82	3	23	52	33.96	24	17	20.7	Mer.	113	60	
	9	47.87	3			34.36			20.0	Mu.	147	9	
	9	47.76	1			34.51			15.8	Tr.	137	34	
	10	47.93	2			34.75[4]			20.1	Tr.	148	1	[4] Hour assumed.
23404	11	48.79	4	23	52	41.61	15	19	....	Tr.	205	80	
23405	7	52.86	..	23	52	43...	17	31	50.5	Mer.	252	9	
	8	48.76	2			43.66[5]			47.9	Tr.	199	33	[5] One of three threads rejected; R. A. = $42^{s}.93$.
23406	9	48.79	1	23	52	48.60	25	32	28.2	Mu.	209	103	
23407	7	46.79	5	23	52	48.98	41	31	31.8	Mer.	75	24	
	7	46.71	3			49.02			31.8	Mer.	64	42	
23408	9	47.80	3	23	52	49.67	26	27	28.9	Mer.	110	22	
	8.9	47.72	2			49.74			21.8	Tr.	136	87	
	9	46.71	3			49.93			26.3	Mu.	56	113	
23409	9	47.89	1	23	52	58.03[6]	23	30	9.0	Mu.	148	2	[6] "Time of transit doubtful."
	8	47.84	1			58.55			10.1	Mu.	146	76	
	7.8	47.82	1			59.08			8.6	Mu.	144	93	
	8.9	47.80	2			59.23			6.7	Tr.	141	64	
23410	11	46.69	2	23	52	59.71	33	23	....	Tr.	66	104	
23411	7.8	46.73	2	23	53	1.93	28	44	32.3	Mu.	63	64	
	7.8	46.77	5			2.17[7]			33.6	Mer.	72	85	[7] One of six threads rejected; R. A. = $1^{s}.45$.
23412	8	47.79	1	23	53	12.35	30	53	58.2	Mu.	139	76	
	8	47.79	3			12.71			59.0	Mer.	206	72	
	9	46.73	3			12.72			58.6	Tr.	77	82	
	8.9	46.80	2			13.12[8]			56.7	Mu.	75	14	[8] One of three threads rejected; R. A. = $15^{s}.06$.
23413	9	48.66	2	23	53	13.40	21	15	29.0	Tr.	188	39	
23414	9.10	47.87	2	23	53	16.78[9]	24	16	33.0	Mu.	147	10	[9] Separate threads give $16^{s}.41$, $17^{s}.15$.
23415	8.9	47.89	1	23	53	18.74	23	36	35.8	Mu.	148	3	
	8.9	47.80	2			19.06			32.7	Tr.	141	65	
	7.8	47.82	1			19.24			38.4	Mu.	144	94	
23416	10	47.82	1	23	53	20.72	24	16	13.7	Mer.	113	61	
	10	47.93	1			21.21[10]			8.9	Tr.	148	2	[10] Hour assumed.
	10	47.76	1			21.37			4.1	Tr.	137	35	
	9.10	47.87	2			21.51			4.9	Mu.	147	11	
23417	6	48.92	2	23	53	27.32	21	32	28.3	Mer.	156	34	
	9	48.67	3			27.72[11]			30.4	Tr.	189	31	[11] Minute assumed.
	8	48.77	7			27.85			28.3	Mer.	152	45	
23418	9	47.84	1	23	53	31.61	22	14	23.6	Tr.	145	60	
	9	48.92	2			31.93			21.6	Mu.	212	25	
23419	9	47.79	2	23	53	37.42[12]	28	22	36.6	Tr.	138	71	[12] One of three threads rejected; R. A. = $36^{s}.35$.
	9	46.70	3			37.50			41.8	Mer.	60	136	
23420	7	46.70	2	23	53	39.32	29	33	36.7	Mer.	58	80	
	6	46.73	2			39.44			....	Tr.	79	72	
	6	46.73	2			39.50			....	Tr.	76	77	
	8	47.71	5			39.56			33.7[13]	Mer.	204	159	[13] Record uncertain. Reduced for 36.49, may be 36.149 rev.
	7	47.71	4			39.63			34.7	Mu.	132	191	
23421	8	46.72	2	23	53	47.73	34	37	....	Tr.	73	78	
23422	11	48.67	2	23	53	49.26	20	48	28.3	Tr.	191	20	
23423	10	46.76	2	23	53	54.01	27	18	....	Tr.	84	55	
23424	9	46.78	3	23	53	55.08	40	10	16.4	Mer.	74	19	
23425	7.8	46.71	4	23	53	58.73	40	59	3.0	Mer.	64	43	
23426	7	52.86	..	23	54	2...	17	22	3.4	Mer.	252	10	
	8	48.76	3			2.14			0.4	Tr.	199	34	
23427	10	47.71	4	23	54	8.53	26	37	16.6	Mer.	107	88	
	10	47.68	4			8.89[14]			9.8	Mer.	106	2	[14] R. A. decreased 1 min.
	9	47.72	2			8.89			14.2	Mer.	205	120	
	7	46.76	1			9.09			....	Tr.	84	56	
	9	47.79	3			9.22			9.8	Mu.	138	25	
	9	47.72	2			9.22			9.5	Tr.	136	88	
	9	46.71	1			9.85			10.2	Mu.	56	114	
23428	8.7	46.71	2	23	54	13.16	38	3	47.4	Tr.	71	59	
23429	7	46.71	4	23	54	15.89[15]	38	44	8.2	Mu.	57	57	[15] R. A. decreased 1 min. R. A. of Nos. 54, 55, 56, 57, and 59 of Mu. 57 apparently about 1 sec. small.
23430	9	46.80	2	23	54	21...[16]	31	31	14.9	Mu.	75	15	
	10	47.70	2			21.65			11.8	Tr.	131	17	
23431	9	47.80	2	23	54	22.39	23	30	33.4	Tr.	141	66	[16] Separate threads give $21^{s}.97$, $21^{s}.10$.
23432	9	48.92	3	23	54	27.62	21	42	21.3	Mer.	156	35	
	9	48.67	2			28...[17]			16.0	Tr.	189	32	[17] R. A. decreased 1 min. Separate threads give $28^{s}.08$, $29^{s}.96$.
23433	10	46.71	5	23	54	32.50	27	30	49.5	Mer.	62	96	
23434	6	47.67	1	23	54	32.63	27	58	13.5	Tr.	127	54	
	9	47.80	3			33.35			15.6	Mu.	140	24	
	8	46.75	3			33.44			....	Tr.	82	24	
	8	47.54	1			33.45			17.7	Mer.	195	211	
	7.8	47.79	2			33.58			20.1	Tr.	138	72	
	8	46.70	5			33.61			15.9[18]	Mer.	60	137	[18] Decl. changed one rev. south.
	8	47.70	6			33.92			17.8	Mer.	202	115	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
23435	3	47.79	5	23	54	37.84	30	33	21.7	Mer.	206	73	
	6	47.79	3			37.89			21.9	Mu.	139	77	
	4.5	46.73	4			37.93			20.6	Tr.	77	83	
23436	8	46.73	2	23	54	41.29	29	24	....	Tr.	76	78	
	8	47.71	3			41.42			13.5	Mer.	204	160	
	9	46.73	2			41.65			....	Tr.	79	73	
	8	47.71	1			41.69			12.5	Mu.	132	192	
23437	10	48.74	3	23	54	52.60	16	39	58.6	Tr.	197	21	
23438	10	47.93	2	23	55	2.59	22	43	36.7	Mer.	116	7	
	9	48.92	2			2.63			....	Mu.	212	26	
	9	47.84	1			3.02			36.0	Tr.	145	61	
23439	10	48.79	2	23	55	6.47	15	52	....	Tr.	205	81	
23440	9	46.77	3	23	55	11.27	32	11	32.7	Tr.	87	32	
	9.10	46.82	3			11.68			30.2	Mu.	77	26	
23441	8.9	47.72	2	23	55	11...[1]	26	13	49.3	Tr.	136	89	[1] Separate threads give 11^s.61, 12^s.50.
	9	47.72	2			11.69			53.0	Mer.	205	121	
	9	46.71	1			11.91			51.0	Mu.	56	115	
	10	47.80	2			12.19			53.8	Mer.	110	23	
23442	10	47.70	1	23	55	13.53	30	59	5.9	Tr.	131	18	
	9	46.73	1			13.57			8.5	Tr.	77	84	
	8	47.79	2			13.61			7.9[2]	Mer.	206	74	[2] Decl. changed one wire interval south.
	8	47.79	1			13.65			21.6[3]	Mu.	139	78	[3] Decl. changed five rev. south. If micrometer reading be assumed as 12.53 instead of 17.33 rev., as recorded, Decl.=9$''$.1.
23443	6	48.77	3	23	55	14.80	20	53	3.7	Mer.	152	46	
	7	48.66	3			14.83			6.9	Tr.	188	40	
	8	48.67	3			15...[4]			2.0	Tr.	191	21	[4] Separate threads give 14^s.40, 15^s.05, 15^s.86.
	7	48.67	5			15.16			3.0	Mu.	200	18	
	5	48.67	2			15.41[5]			3.4	Mu.	202	18	[5] One of three threads rejected; R. A.=14^s.39.
23444	9.8	46.70	1	23	55	18.74	35	34	48.0	Tr.	69	17	
23445	8	47.72	1	23	55	24.90	26	5	48.3	Mer.	205	122	
	8.9	47.72	2			25...[6]			39.4	Tr.	136	90	[6] Separate threads give 26^s.07, 25^s.12.
	10	47.80	1			25.00			40.7	Mer.	110	24	
	9.10	46.72	5			25.14			44.7	Mer.	66	125	
	9	46.71	2			25.46			43.9	Mu.	56	116	
23446	7	47.76	5	23	55	25.71	24	58	42.5	Mer.	109	60	
	6	47.72	6			25.85			50.9	Mu.	134	122	
	7	46.73	7			25.95			50.1	Mer.	70	82	
	7	46.73	7			26.00			48.3	Mer.	69	159	
23447	7	48.79	3	23	55	28.74[7]	25	25	26.0	Mu.	209	104	[7] R. A. decreased 1 min. One of four threads rejected; R. A.=29^s.53.
	8	47.68	3			28.76			27.6	Tr.	129	70	
	8	47.59	7			28.83			27.2	Mer.	196	135	
	9	46.76	5			28.83			26.3	Tr.	85	20	
	7.8	46.73	4			29.03			25.2	Mer.	68	150	
	8.9	47.96	4			29.04[8]			26.9	Mu.	149	3	[8] R. A. increased one thread interval.
23448	10	47.82	3	23	55	35.16	24	26	58.7	Mer.	113	62	
	9	47.87	2			35.47			57.8	Mu.	147	12	
	9	47.76	1			35.81			55.2	Tr.	137	36	
23449	9.10	46.71	3	23	55	43.77	27	15	1.3	Mer.	62	97	
	8	47.71	2			43.85			6.8	Tr.	135	13	
	9	47.79	2			43.96			2.5	Mu.	138	26	
	9	46.76	2			44.09			....	Tr.	84	57	
	8	47.54	1			44.32[9]			8.1	Mer.	195	212	[9] R. A. decreased 1 min. and one thread interval.
23450	7.8	46.72	3	23	55	44.18	37	5	10.5	Tr.	74	68	
23451	10	47.79	1	23	55	44.46	29	50	4.8	Tr.	140	7	
23452	9	47.80	3	23	55	49.21	24	6	8.2	Tr.	141	67	
23453	9	46.78	1	23	55	50.68	36	26	15.7	Mu.	71	15	
23454	9.10	46.72	2	23	55	51.07	25	36	17.1[10]	Mer.	66	126	[10] Decl. changed one wire interval south.
	9.10	46.73	3			51.46			15.1	Mer.	68	151	
23455	8	46.77	2	23	55	54.75	31	55	37.6	Tr.	87	33	
23456	8	47.71	2	23	55	55.39[11]	29	15	6.2	Mer.	204	161	[11] One of three threads rejected; R. A.=54^s.41.
	7	46.73	2			55.64			....	Tr.	79	74	
	8	47.71	1			55.67			7.0	Mu.	132	193	
	7	46.73	2			55.81			....	Tr.	76	79	
	8	46.70	3			55.95			12.6	Mer.	58	81	
23457	8	47.71	3	23	55	56.72	29	13	31.1	Mer.	204	162	
	8	47.71	1			57.56			31.9	Mu.	132	194	
23458	3.4	48.78	3	23	56	3.25	18	10	12.7	Mu.	207	33	
23459	8	47.71	1	23	56	10.07[12]	29	13	40.6	Mer.	204	163	[12] R. A. increased 1 min.
	7.8	46.70	2			11.03			46.0	Mer.	58	82	
	7	46.73	2			11.04			....	Tr.	76	80	
	7	46.73	2			11.04			....	Tr.	79	75	
	7.8	47.71	2			11.65			42.2	Mu.	132	195	
23460	9	47.79	1	23	56	24.89	26	43	34.0	Mu.	138	27	
	9	46.77	1			25.56			33.8	Tr.	90	1	
	10	47.71	2			25.62[13]			37.0	Mer.	107	89	[13] R. A. decreased 1 min.
	8	47.71	1			25.68			35.1	Tr.	135	14	
	8	46.76	2			25.76[14]			....	Tr.	84	58	[14] One thread decreased 10 sec.
23461	7	47.79	2	23	56	30.46	30	58	15.4	Mer.	206	75	
	8	46.73	2			30.90			12.8	Tr.	77	85	
	7	46.80	2			30.97			10.7	Mu.	75	16	
	7	47.79	2			31.07			13.3	Mu.	139	79	

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
23462	10	46.71	1	23	56	31.38	38	5	33.8	Tr.	71	60	
23463	9	46.70	2	23	56	32.91	35	14	54.5	Mu.	53	57	
23464	9	48.78	2	23	56	34.11	18	15	33.1	Mu.	207	34	
23465	9	47.79	1	23	56	34.59[1]	26	44	36.6	Mu.	138	28	[1] "Time of transit doubtful." CPD gives 36^{s}.5.
23466	9	47.80	2	23	56	37.80	24	5	17.7	Tr.	141	68	
	9	47.87	2			38.55[2]			19.9	Mu.	147	13	[2] Separate threads give 38^{s}.91, 38^{s}.19.
23467	6	52.86	..	23	56	38...	17	21	41.8	Mer.	252	11	
	5.6	48.76	3			38.69			42.0	Tr.	199	35	
23468	10	48.74	2	23	56	38.92	16	39	50.5	Tr.	197	22	
23469	7	47.79	1	23	56	39.09	30	6	12.7	Tr.	140	9	
	8	46.82	3			39.26			14.8	Mu.	76	19	
	6	47.70	2			39.40			13.8	Mu.	131	141	
23470	7	47.79	1	23	56	41.43	30	13	0.5	Mu.	139	80	
	8	47.70	1			41.91[3]			1.6	Mu.	131	140	[3] R. A. increased 50 sec.
	7	47.79	2			42.06			2.1	Tr.	140	8	
	8.9	46.82	5			42.26			1.8	Mu.	76	20	
23471	10	48.67	1	23	56	55.32	20	16	19.4	Mu.	202	19	
	10	48.67	2			55.44			20.8[4]	Tr.	191	22	[4] Decl. changed one wire interval south.
23472	10	48.74	1	23	56	55.73	16	43	25.3	Tr.	197	23	
23473	9	46.77	1	23	56	55.91	32	0	16.8	Tr.	87	34	
23474	8	47.71	1	23	56	59.84	29	41	13.4	Mer.	204	164	
	8	47.71	1			60.02			10.9	Mu.	132	196	
23475	9	47.79	3	23	57	3...[5]	28	5	41.9	Tr.	138	73	[5] One thread increased one thread interval. Separate threads give 1^{s}.50, 2^{s}.24, 4^{s}.00.
	9	46.75	2			3.31			....	Tr.	82	25	
	9	46.70	5			3.38			42.0	Mer.	60	138	
	8	47.70	2			4.13[6]			44.2	Mer.	202	116	[6] R. A. increased 1 min.
23476	10	47.80	2	23	57	4.38	26	16	43.8	Mer.	110	25	
	9.10	46.72	2			4.48			47.7[7]	Mer.	66	127	[7] If micrometer reading be assumed as 38.54 instead of 38.34 rev., as recorded, Decl. = 40″.8.
	8	47.72	1			4.62			44.1	Mer.	205	123	
	10	47.68	3			4.69			39.4	Mer.	106	3	
	9	47.72	2			4.81			39.0	Tr.	136	91	
23477	9	46.69	2	23	57	4.87	33	11	....	Tr.	66	105	
23478	7	47.79	1	23	57	9.68	30	28	8.3	Mu.	139	81	
	9.8	46.73	1			10.17			5.8	Tr.	77	86	
	7.8	47.79	2			10.36			6.9	Mer.	206	76	
23479	11	48.67	3	23	57	11.77	20	15	....	Tr.	198	30	
23480	7	52.86	..	23	57	12...	17	41	13.9	Mer.	252	12	
	7	48.76	1			12.56			10.6	Tr.	199	36	
23481	8	46.80	2	23	57	12...[8]	31	5	33.5	Mu.	75	17	[8] Separate threads give 13^{s}.66, 12^{s}.81.
	9	47.70	3			12.59			32.7[9]	Tr.	131	19	[9] Decl. changed one wire interval north.
23482	8	46.82	5	23	57	13.40	32	49	51.0	Mu.	77	27	
23483	10	48.77	2	23	57	16.37[10]	19	0	....[11]	Tr.	200	28	[10] R. A. increased one thread interval.
	9	48.67	4			16.48			38.2	Mer.	147	28	[11] Decl. changed one rev. north.
	9	48.76	4			16.73[12]			35.7	Mer.	151	32	[12] Minute assumed. Record doubtful.
23484	8	46.72	3	23	57	19.83	36	51	10.0	Tr.	74	69	
23485	6	46.69	2	23	57	30.80	33	17	....	Tr.	66	106	
23486	9.10	46.77	5	23	57	33.29	28	6	22.2	Mer.	72	86	
	9	47.79	3			33.34			19.7	Tr.	138	74	
	8.9	46.70	4			33.39[13]			19.5	Mer.	60	139	[13] Three threads decreased one thread interval each.
	8.9	47.80	3			33.41			19.6	Mu.	140	25	
	9	46.75	2			33.72			....	Tr.	82	26	
	9	47.70	3			34.08[14]			18.1	Mer.	202	117	[14] R. A. increased 1 min.
23487	7	46.80	3	23	57	39.02	39	41	36.1	Tr.	97	6	
23488	8.9	48.92	3	23	57	39.74	22	8	60.1	Mu.	212	27	
	8	48.92	4			39.80[15]			59.8	Mer.	156	36	[15] One of five threads rejected; R. A. = 39^{s}.05.
	9	47.84	1			39.96			58.7	Tr.	145	62	
	8	48.67	2			40.15			61.3	Tr.	189	33	
23489	9	46.72	2	23	57	42.23	34	20	....	Tr.	73	79	
23490	7	48.79	1	23	57	45.79	15	15	....	Tr.	205	82	
23491	10	48.67	1	23	57	46.69	19	25	32.8	Mer.	147	29	
23492	9	46.71	2	23	57	47.38	38	8	13.9	Tr.	71	61	
23493	7	46.89	6	23	57	48.86	43	43	18.9	Mer.	80	9	
23494	9	47.79	1	23	58	2.73	30	47	41.1	Mer.	206	77	
23495	10	48.67	2	23	58	6.04	20	29	47.6	Tr.	191	23	
23496	8	46.80	2	23	58	14...[16]	31	11	50.0	Mu.	75	18	[16] Separate threads give 15^{s}.45, 14^{s}.49.
	8	47.70	1			14.66			49.1	Tr.	131	20	
23497	9	46.78	5	23	58	20.63	39	58	22.5	Mer.	74	20	
23498	8	46.82	3	23	58	28.88	29	59	12.9	Mu.	76	21	
	7.8	47.79	3			29.03			8.1	Tr.	140	10	
	7.8	47.70	3			29.24			7.7	Mu.	131	142	
23499	7	46.72	4	23	58	34.51	33	38	57.4[17]	Mu.	59	46	[17] Decl. changed one rev. south. Gou gives 66″.
	9	46.93	2			36.91[18]			66.7[19]	Mu.	84	2[20]	[18] One of three threads rejected; R. A. = 35^{s}.99. Gou gives 34^{s}.5.
23500	10	47.76	3	23	58	34.90	25	20	15.5	Mer.	109	61	
	8	47.73	1			35.14			16.1	Mu.	134	123	[19] Micrometer rev. assumed.
	9	47.96	3			35.16			17.6	Mu.	149	4	[20] Record confused.
	10	46.76	1			35.19			18.2	Tr.	85	21	
	8	46.73	4			35.19			17.0	Mer.	68	152	
	9	47.59	4			35.48[21]			20.6	Mer.	196	136	[21] R. A. increased 1 min.
	8	48.79	2			36.01			18.3	Mu.	209	105	
23501	9	48.76	3	23	58	44.72[22]	18	52	25.1	Mer.	151	33	[22] One of four threads rejected; R. A. = 45^{s}.54.

NO.	MAG.	DATE.	NO. THDS.	RIGHT ASCENSION 1850.0			SOUTH DECLINATION 1850.0			INSTR.	ZONE.	NO.	NOTES.
		1800+		h	m	s	°	′	″				
23502	9	48.76	3	23	58	46.95	17	34	23.0	Tr.	199	37	
23503	9.10	48.92	1	23	58	50.82	22	20	15.7	Mu.	212	28	
	9	47.84	1			51.09			11.7	Tr.	145	63	
	..	48.92	2			51.43[1]			12.5	Mer.	156	37	[1] R. A. increased 1 min.
23504	9	46.72	2	23	58	53.08	34	28	....	Tr.	73	80	
23505	9.10	47.87	2	23	58	55.76	24	14	21.4	Mu.	147	14	
23506	8	46.69	2	23	58	56.23	33	25	....	Tr.	66	107	
23507	9	47.72	1	23	58	56.39	26	7	51.2	Tr.	136	92	
23508	8.9	46.72	3	23	58	59.65	36	55	4.6	Tr.	74	70	
23509	..	47.59	1	23	58	59.71	25	27	12.4	Mer.	196	137	
	10	46.76	1			59.93[2]			11.7	Tr.	85	22	[2] R. A. decreased one thread interval.
	9	47.96	3			60.01			12.0	Mu.	149	5	
	9	47.68	3			60.03			9.0	Tr.	129	71	
	7	48.79	3			60.04			11.2	Mu.	209	106	
	8	46.73	4			60.11			7.5	Mer.	68	153	
23510	5.6	47.82	3	23	59	8.98	23	56	26.1	Mu.	144	95	
	5.6	47.80	3			9.18			24.3	Tr.	141	69	
	7	47.89	4			9.27			27.3	Mu.	148	4	
23511	11	48.67	2	23	59	11.08	20	44	52.5	Tr.	191	24	
23512	7	46.80	3	23	59	14.34	39	42	46.9	Tr.	97	7	
23513	9	46.71	3	23	59	20.73	41	14	56.3	Mer.	64	44	
23514	10	47.93	2	23	59	20.82	22	39	51.7	Mer.	116	8	
	9	48.92	2			21.00			53.2	Mu.	212	29	
	9	47.84	1			21.31			55.3	Tr.	145	64	
23515	9	47.79	1	23	59	21.13	28	25	17.1	Tr.	138	75	
23516	10	48.67	2	23	59	22.19[3]	19	39	22.4[4]	Mer.	147	30	[3] R. A. decreased 1 min.
	10	48.77	3			22.22			....	Tr.	200	29	[4] Decl. changed ten rev. south.
23517	10	48.74	3	23	59	27.02	16	41	3.7	Tr.	197	24	
	10	48.79	3			27.02			....	Mer.	153	93	
	9.10	48.77	3			27.21			3.7	Mu.	206	27	
23518	9	47.80	1	23	59	27.24	23	52	12.1	Tr.	141	70	
23519	8	46.71	5	23	59	29.48	38	45	51.2	Mu.	57	58	
23520	9	47.80	2	23	59	31.55	23	56	56.7	Tr.	141	71	
	9	47.89	1			31.75			58.6	Mu.	148	5	
	9	47.82	1			31.96			54.1	Mu.	144	96	
23521	9	47.80	3	23	59	37.09	28	13	55.8	Mu.	140	26	
	8.9	46.77	5			37.34			60.6	Mer.	72	87	
	8.9	47.79	3			37.44			54.9	Tr.	138	76	
	8	46.75	2			37.48			....	Tr.	82	27	
	8.9	46.70	5			37.51			56.2	Mer.	60	140	
	9	47.70	4			37.56			56.0	Mer.	202	118	
23522	6	48.78	4	23	59	38.41	18	13	21.4	Mu.	207	35	
23523	7	46.77	3	23	59	39.94[5]	26	11	9.6	Mu.	70	1	[5] One of four threads rejected; R. A. $=40^s.76$.
	8	46.72	5			40.65			10.9	Mer.	66	128	
	7	47.72	6			40.66[6]			12.9	Mer.	205	124	[6] R.A. increased 10 min.
	8	47.68	7			40.67[7]			10.5	Mer.	106	4	[7] R. A. decreased 1 min.
	8	47.72	3			40.70			9.7	Tr.	136	93	
	8	47.80	3			40.70			9.5	Mer.	110	26	
	6.7	46.71	4			40.96			10.7	Mu.	56	117	
23524	7	46.69	2	23	59	40.88	32	53	....	Tr.	66	108	
	9	46.82	3			40.91			13.9	Mu.	77	28	
23525	9	46.71	4	23	59	44.41	41	18	53.3	Mer.	64	45	
23526	8	47.72	2	23	59	49.24	24	39	29.0	Mu.	134	124	
	9	47.93	1			49.31[8]			31.7	Tr.	148	3	[8] Hour assumed. R. A. increased one thread interval.
	8	46.73	3			49.47			29.5	Mer.	70	83	
	9	47.76	2			49.54			26.3	Tr.	137	37	
	9	46.73	4			49.69			29.0	Mer.	69	160	

O

3 2044 078 737 699

3 2044 078 737 699